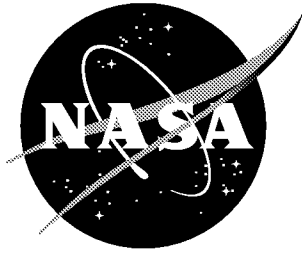


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Parametric Fin-Body and Fin-Plate Database for a Series of 12 Missile Fins

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January 2001

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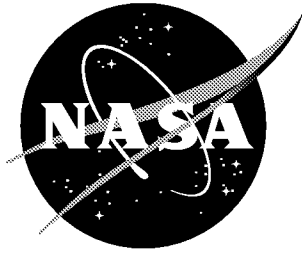
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Symbols

All force and moment coefficients are presented in the body axis system.

A	configuration axial force, lbf
A _{ref}	body cross-sectional area, $0.25\pi D^2$, 0.0491 ft ²
AR	fin aspect ratio, $\frac{4.0b_{\text{ref}}}{T + R}$
BL	plate lateral butt-line station from centerline, in.
b _{ref}	span of single fin, in. (see table 2)
C _A	configuration axial-force coefficient, positive downstream, $\frac{A}{qA_{\text{ref}}}$
C _{HM}	fin hinge-moment coefficient, positive leading edge up, $\frac{HM}{qc_{\text{ref}}S_{\text{ref}}}$
C _m	configuration pitching-moment coefficient, positive nose up, $\frac{PM}{qA_{\text{ref}}D}$
C _N	configuration normal-force coefficient, positive up, $\frac{N}{qA_{\text{ref}}}$
C _{NF}	fin normal-force coefficient, positive up, $\frac{NF}{qS_{\text{ref}}}$
C _{RBM}	fin root-bending-moment coefficient, positive tip up, $\frac{RBM}{qb_{\text{ref}}S_{\text{ref}}}$
c _{ref}	fin mean aerodynamic chord, $0.667(T + R) - \left(\frac{TR}{T + R}\right)$ (see table 2)
D	body diameter, 3.0 in.
HM	fin hinge moment, in-lbf
M	free-stream Mach number
MS	model longitudinal station measured from body nose or plate leading edge, in.
N	configuration normal force, lbf
NF	fin normal force, lbf
PM	configuration pitching moment, in-lbf

q	free-stream dynamic pressure, psi
R	fin root-chord length, in. (see table 1)
R/ft	free-stream unit Reynolds number, ft ⁻¹
RBM	fin root bending moment, in-lbf
RC	body nose radius of curvature, 27.75 in. (see fig. 2)
S _{ref}	fin planform area, in ² (see table 2)
T	fin tip-chord length, in.
TR	fin taper ratio, $\frac{T}{R}$
X _{HL}	fin hinge-line location measured from root chord leading edge, in.
UPWT	Langley Unitary Plan Wind Tunnel
α	body angle of attack or fin deflection angle on plate, positive up, deg
δ	fin deflection angle on body, positive leading edge up, deg
8-FT TPT	Langley 8-Foot Pressure Transonic Tunnel

Abstract

A cooperative experimental investigation has been performed to obtain a systematic fin-body and fin-plate database for a series of 12 missile fins. These data are intended to complement and extend the information contained in the Triservice missile project and to provide a systematic set of experimental data from which fin-body interference factors can be derived. Data were obtained with the fins mounted on both an axisymmetric body and on a flat plate that was used to simulate fin-alone measurements. The experiments were conducted at Mach numbers from 0.60 to 3.95; fin deflection angles of 0° , 10° , and -10° ; and angles of attack up to 30° on the body and up to 95° on the flat plate. The data were obtained from three-component balances attached to the fins and a six-component balance located in the axisymmetric body. The data obtained in this project are documented in tabular form in this report. In addition, selected data are presented in graphical form to illustrate the effects of the test variables. These variables are configuration angle of attack; Mach number; and fin parameters of deflection angle, planform size, taper ratio, and aspect ratio. A very limited comparison with the Triservice missile data is made to illustrate the consistency between the data from these two projects.

Introduction

Analytical methods intended primarily to calculate the aerodynamics of slender axisymmetric cruciform-finned missiles require accurate information on fin-body interference, or carryover factors, as a part of their methodology. Missile DATCOM (ref. 1), NSWCDD (ref. 2 and, more recently, ref. 3), and MISSILE 3 (ref. 4) are examples of methods currently in use that require such information. These interference factors are derived from basic aerodynamic information about fin-body, fin-alone, and body-alone loads.

Historically, these analytical methods have used various combinations of experimental data and calculations with slender-body theory to get this fin-body interference information. Missile DATCOM, for example, relies entirely on carryover factors derived from slender-body theory, whereas NSWCDD and MISSILE 3 make use of experimental data and slender-body theory for both the fin-body carryover and the fin-alone estimates. Thus, all three methods rely on slender-body theory to provide at least part of the information needed to determine those interference factors.

The Triservice missile database (refs. 4 through 6) has been extensively used to provide experimental fin-body information for the NSWCDD and MISSILE 3 codes. This database has a very extensive range of test variables, which includes fin planform shape, Mach number, angle of attack, fin deflection angle, and configuration roll angle. It does not, however, include fin span, which was held constant in that project and equal to the body radius. Also, no fin-alone data were obtained in the Triservice database project.

The current project is a cooperative effort between Langley Research Center and McDonnell Douglas Aerospace (now a part of the Boeing Company) with a twofold purpose. The first is to complement and extend the information in the Triservice database by providing aerodynamic loads on a series of fins in which fin span was not held constant. The second purpose is to provide a systematic set of experimental information on a series of fins in which data were obtained both with and without the influence of the body. This information should provide the basic data from which to determine aerodynamic fin-body interference

factors from a consistent set of experimental data with no need for estimates from slender-body theory.

Fin-body interference factors derived from the current data have been incorporated into an updated version of the Missile DATCOM aeroprediction code (ref. 7) and in the Program M3HAX code (ref. 8). This report documents the complete basic fin and body loads data obtained in this project. An extensive analysis of these data is beyond the scope of this report; however, selected examples from this database are examined in graphical form to illustrate the effects of the test variables.

Tests and Procedures

The primary information obtained in this experimental investigation consisted of three-component fin balance measurements on a series of 12 fins. The tests were conducted in two phases. In one phase, the fins were mounted on the aft section of a slender axisymmetric body. In the second phase, the same fins were mounted on a flat plate to simulate fin-alone measurements. The fin data from this study thus represent the loads on the fins with and without the presence of the axisymmetric body, and from this information fin-body interference effects can be derived. For the body-mounted phase of the tests, total configuration loads were also measured by a six-component balance located inside the body.

Wind Tunnels

This experiment covered Mach numbers from 0.60 to 3.95. For subsonic and transonic Mach numbers (up to 1.20), the tests were conducted in the Langley 8-Foot Transonic Pressure Tunnel (8-FT TPT), and the supersonic tests were conducted in the Langley Unitary Plan Wind Tunnel (UPWT).

The 8-FT TPT is a continuous-flow, variable-pressure, transonic wind tunnel capable of operating over a Mach number range from about

0.2 to 1.3. The tunnel can obtain unit Reynolds numbers from about 0.5×10^6 to 6×10^6 per foot. A complete description of this facility can be found in reference 9. This tunnel has been subsequently placed in an inactive status.

The UPWT is a continuous-flow, variable-pressure, supersonic wind tunnel with two test sections. The nozzles leading to the test sections contain asymmetric sliding blocks which permit continuous variation of Mach number from about 1.5 to 2.9 in one test section and from about 2.3 to 4.6 in the other. The tunnel can obtain unit Reynolds numbers from about 1×10^6 to 9×10^6 per foot. A complete description of this facility can be found in reference 10.

Four separate tunnel entries were needed to acquire the data presented in this report. The first entry was in the 8-FT TPT to obtain body-mounted data at Mach numbers of 0.60, 0.90, and 1.20. The second entry was in the same facility and obtained plate-mounted data for the same Mach numbers. The third entry was in the high-speed test section of the UPWT and obtained both body- and plate-mounted data for Mach numbers of 2.30, 2.96, and 3.95. The fourth entry was in the low-speed test section of the UPWT and obtained both data sets for Mach numbers of 1.60 and 2.00.

Model

The model used in this investigation consisted of a series of 12 fins, a slender axisymmetric body with a tangent-ogive nose, and a flat plate. Data were obtained with each fin mounted on both the body and the flat plate. Each of the 12 fin planforms actually consisted of a matched pair of fins. For the body-mounted data both fins were attached to opposite sides of the body in the horizontal plane. The fin on the left side, looking upstream, contained a three-component fin balance, whereas its mate on the right side did not. For the plate-mounted data only the single metric fin of each planform was used.

Figure 1 is an exploded view of the body, all 12 pairs of fins, and the mounts to which the fins were attached. Three fin balances of different load ranges were used to acquire the fin data, with each balance being used with four fins. Figure 2 is a top-view schematic of the body with one of the fin pairs attached and shows the dimensions of the body, the moment center of the internal balance, and the fin hinge-line location on the body.

Figure 3 is a photograph of one of the fin-body configurations mounted in the 8-FT TPT, and figure 4 shows another configuration in the high-speed test section of the UPWT. Figure 5 is a photograph of one of the fin-plate configurations mounted in the 8-FT TPT. Figure 6 shows a fin-plate configuration in the low-speed test section of the UPWT at both $\alpha = 0^\circ$ and 90° to illustrate the range of fin attitude angles obtainable on the plate. A schematic of the flat plate is presented in figure 7 to show basic dimensions and the locations where the fins were mounted. A more detailed description of this plate can be found in reference 11.

During the fin-body phase of this project, fin deflection angles were set manually between runs. For the plate-mounted fins, a drive mechanism was located on the underside of the plate that permitted the fin angle to be set remotely during testing. Figure 8 shows the components of this fin attitude control system, which consisted of a motor and drive mechanism located within the plate connected to a computer-based controller located outside the tunnel. This control system was derived from the technology developed for testing complete missile models described in reference 12. Figure 9 shows a close-up of the motor and drive mechanism. This system had the ability to continuously set the fin angles on the plate over a range from about -5° to 95° .

Figure 10 is a photograph of one of the mounts to which the fins were attached. This is one of the metric mounts because the three-component fin balance gauges can be seen.

Figure 11 shows the planform dimensions of all 12 sets of fins and the numeric fin identification sequence used in this project. Table 1 lists more complete geometry information for each fin. As shown in figure 2, the fin hinge line was located at a fixed body station, which was at 75 percent of the body length. The hinge line on the fins was located at 60 percent of the root chord for all fins. The fin airfoil sections were leading- and trailing-edge wedges with a flat section between them (modified double wedge). The total wedge angles were about 14.2° for fins 1 through 6 (3-in. root chord) and about 6.2° for fins 7 through 12 (6-in. root chord). The maximum thickness ratios of the airfoil sections ranged from about 0.031 to 0.071.

Transition strips of grit were located about 1.2 in. aft of the nose of the axisymmetric body and about 0.5 in. aft of the leading edge of the flat plate. For the subsonic/transonic tests in the 8-FT TPT, No. 80 grit was used. For the supersonic tests in the UPWT, No. 60 grit was used in the low-speed test section and No. 35 was used in the high-speed test section. Transition strips were not applied to the fins, however, in either phase of the experiment to get data consistent with those obtained in the Triservice missile database. Transition grit sizes were selected based on the technique established in reference 13. To prevent fouling between the metric fin and the axisymmetric body, a gap of about 0.01 in. was maintained between the root chord of the fin and the body surface. The gap between the fin and plate could be varied up to about 0.05 in. by a positioning mechanism located on the underside of the plate. Check runs in the 8-FT TPT for the fin-plate tests showed that gap-size effects on the measured fin loads were negligible; therefore, a gap size of 0.05 in. was maintained on all fins throughout the fin-plate phase of the experiment in both tunnels.

Measurements and Corrections

Three-component balances located near the base of the fins were used to measure fin normal force, hinge moment, and bending moment. The direction of the normal force was always

perpendicular to the fin planform regardless of the fin deflection angle. Hinge moments were measured about the fin hinge line, whereas the measured bending moments were transferred to the root chord of the fin. In addition, during the fin-body phase of the tests, a six-component balance was located inside the body to simultaneously measure overall loads on the configuration. Fin-off data on the body were also obtained at all test Mach numbers.

During the fin-body phase of this project, the angle of attack sweeps ranged from about -2° to 25° for the subsonic/transonic data and about -2° to 30° for the supersonic data. The fin deflection angles were set to either 0° , 10° , or -10° in both tunnels. Both matched pair of fins were always set to the same deflection angle to provide vertical symmetry in the flow. The model was always run at a roll angle of 0° (i.e., the fins were always in the horizontal plane). Pressures in the base cavity of the body were measured by pressure tubes located inside the balance chamber. The body internal diameter was beveled to the outer diameter at the base of the model to allow the internal pressures to act over the entire base area. The configuration axial force data were corrected for the difference between the internal chamber pressure and free-stream static pressure (i.e., C_A due to cavity pressures was subtracted from the measured balance C_A). The model moment center was located on the body centerline at 58.3 percent of the body length or 21.0 in. aft of the model nose.

For the plate-fin phase of the tests the plate always remained fixed and aligned with the free-stream flow direction while fin attitude sweeps from about -5° to 95° were performed. The plate was sting-mounted and was always oriented vertically, as shown in figures 5 and 6. Flow angle adjustments were made to the plate to keep the leading edge perpendicular to the free-stream flow direction.

For the fin-body data, the aerodynamic forces and moments on the entire configuration were measured simultaneously with the fin-balance measurements by a six-component strain-gauge

balance located inside the body. A matching pair of fins was mounted in the horizontal centerline plane on the aft section of the body. The fin mounted on the left side of the body, looking upstream, contained a three-component fin balance, whereas the fin on the right did not. The six-component internal balance was mounted on a sting that was attached to the permanent tunnel-support mechanism downstream of the model. The model angle of attack was corrected for deflection of the balance and sting due to aerodynamic loads and for test section flow misalignment.

Because the fin-body model was always run at a roll angle of 0° with no differential fin deflections, the lateral-directional configuration data measured in this project were negligible and thus have not been included in this report. Figure 12 shows the positive direction of all forces and moments presented in this report.

The data reduction reference quantities were the same for the two wind tunnels. The fin reference quantities were the same for both the fin-body and fin-plate data. The reference area and length for the configuration data were the body cross-sectional area and diameter, respectively. The configuration longitudinal coefficients are defined as follows:

$$C_N = \frac{N}{qA_{\text{ref}}}$$

$$C_A = \frac{A}{qA_{\text{ref}}}$$

$$C_m = \frac{PM}{qA_{\text{ref}}D}$$

Fin normal force, hinge moment, and bending moment were measured on the series of 12 fins by one of three three-component fin balances. Each balance was built into a separate mount and was used to measure the loads on four of the fins based on fin size. Table 1 identifies the fins that were attached to each mount. The measured fin bending moments were transferred from the center of the balance to the

root chord of the fin. The planform area of each fin was used as its reference area. The hinge moment and root-bending-moment reference lengths were the exposed span and mean aerodynamic chord of that fin, respectively. These values are found in table 2. Fin coefficients are defined below:

$$C_{NF} = \frac{NF}{qS_{ref}}$$

$$C_{HM} = \frac{HM}{qS_{ref}c_{ref}}$$

$$C_{RBM} = \frac{RBM}{qS_{ref}b_{ref}}$$

During testing, the fin balance readings were found to be somewhat sensitive to temperature changes that were not taken into account during balance calibrations. These changes primarily affected the flow-off zero readings and caused shifts in the fin data which needed to be corrected. Because the fin airfoil shapes were symmetrical, these corrections were made by adjusting the data for $\delta = 0^\circ$ to give zero fin loads at $\alpha = 0^\circ$ and to give symmetry in the data for $\delta = 10^\circ$ and -10° near $\alpha = 0^\circ$.

Test Conditions

These experiments were conducted at free-stream Mach numbers of 0.60, 0.90, 1.20, 1.60, 2.00, 2.30, 2.96, and 3.95. For $M = 0.60$ and 1.20, the unit Reynolds numbers were about 2.7×10^6 and 1.7×10^6 per foot, respectively. At other Mach numbers, the unit Reynolds number was about 2.0×10^6 per foot. For the fin-body data the configuration angle of attack generally ranged from about -2° to 25° at Mach numbers of 1.2 and lower and about -2° to 30° at the supersonic Mach numbers. The fin-body tests were always conducted at a roll angle of 0° , that is, fins horizontal. Data were obtained on the fin-body model at fin deflection angles of 0.0° , 10.0° , and -10.0° . For the fin-plate data, the

plate was aligned with the free-stream flow direction while fin α sweeps from about -5° to 95° were made at all test Mach numbers.

Presentation of Data

The three-component fin data obtained on both the body and plate along with the three longitudinal components of the fin-body configuration data are tabulated. Table 3 shows the arrangement of the data in the subsequent tables, whereas the fin-body and fin-plate data are given in tables 4 and 5, respectively. Selected data from these tables have been plotted and are discussed in the following sections of the report to explore the effects of the test variables.

Results and Analysis

A limited amount of data analysis is performed in this report by examining the effects of the test variables by using plots of selected data taken from tables 4 and 5. The data are generally presented in the form illustrated in figure 13, which contains plots of overall fin-body configuration longitudinal data, corresponding fin-balance data from the fins mounted on the body and on the plate, and a planform view of the fin showing the centers of pressure derived from the loads data. To facilitate comparisons between the fin data on the body and plate, the variable α represents the configuration angle of attack for the fin-body data, whereas it represents the fin deflection angle for the fin-plate data.

The small geometry sketches in these figures are designed to aid the reader in identifying the data that are presented in that figure. These sketches include a planform layout of all 12 fins along with smaller-scale sketches of the body and plate. The shading indicates the fin or fins whose data are in the current figure and whether those data were from fins mounted on the body or on the plate.

Because the data plots in this report represent only a small part of the entire database, selecting

a baseline set of conditions is helpful to serve as a common point around which the effects of the individual test variables can be shown. For this purpose, one of the moderate-size fins (fin 8) at one of the intermediate Mach numbers ($M = 2.0$) at $\delta = 0^\circ$ was chosen. In general, the effects of the test variables are examined by looking at variations from this baseline condition.

Effects of Angle of Attack

The effects of angle of attack for the baseline conditions are shown in figure 13. For the fin-body configuration (fig. 13(a)), body-alone results have been included so that build-up effects can be seen. The data trends appear reasonable in that the addition of the fins on the aft region of the body creates larger normal and axial forces, and a more stable configuration. Loads for a body-mounted fin, presented in figure 13(b), show that the loads on the fin continue to increase throughout the angle of attack range; this indicates that no significant separation is occurring. However, a small change occurs in normal force and bending-moment slopes near about $\alpha = 10^\circ$.

Loads for the plate-mounted fin are shown in figure 13(c). As stated previously, the independent variable α is now the fin incidence angle on the plate instead of the configuration angle of attack. Hence the range of α is now much larger than it was in the first two parts of this figure. The normal force on the fin is almost linear until separation evidently occurs at about $\alpha = 55^\circ$. Note that the maximum load on the fin occurs well before the fin is perpendicular to the free-stream flow ($\alpha = 90^\circ$).

The fin longitudinal and lateral centers of pressure were calculated from the fin force and moment data (see the section “Symbols” for definitions) and are shown in figure 13(d) superimposed on a planform sketch of the fin. These centers of pressure relative to the hinge line indicate the size of the fin actuator required. Because these locations were obtained by dividing the hinge and bending moments by normal force, the calculations near $C_{NF} = 0$ (i.e.,

near zero angle of attack) are highly inaccurate and have not been included in the center of pressure plots. In general, the center of pressure data in figure 13(d) move downstream with increasing angle of attack and are downstream of the fin hinge line throughout the range of α for both the body-mounted and plate-mounted data; this results in the leading-edge-down hinge moments that were seen in figures 13(b) and (c).

Effects of Mach Number

A similar set of plots showing the effects of Mach number on the baseline configuration is presented in figure 14. The transonic drag rise can be clearly seen in the data for C_A at low angles of attack. On the body-mounted configuration, the normal force on both the overall configuration (fig. 14(a)) and the fin (fig. 14(b)) generally decreases with Mach number, but the decrease on the fin is more pronounced. The data for C_m show that the configuration generally becomes less stable with increasing Mach number. The fin centers of pressure for the body-mounted configuration (fig. 14(d)) remain behind the hinge line at supersonic Mach numbers but are ahead of it at the lower speeds.

For the plate-mounted fin (fig. 14(c)) the maximum normal force occurs at about $\alpha = 55^\circ$ for the supersonic Mach numbers. For the two subsonic Mach numbers, a sharp break occurs in the curves at much lower angles of attack, $\alpha = 25^\circ$ to 30° , resulting in the rearward and outward movement of the centers of pressure seen in figure 14(e).

Effects of Fin Deflection

Effects of fin deflection on the baseline configuration are shown in figure 15, which contains fin-body data for $\delta = 0^\circ$, 10° , and -10° . No fin-plate results are shown here because fin attitude variations on the plate were considered angle of attack variations instead of fin deflection settings. The C_A plot near $\alpha = 0^\circ$ shows good agreement for the deflection angles

of 10° and -10° and also shows the drag increment caused by these deflections. The other coefficients contain good symmetry for the positive and negative deflection angles. The increments in the C_N data due to fin deflection remains fairly constant over the angle of attack range; this indicates that the flow has not separated. Figure 15(c) shows that the centers of pressure did not move much with angle of attack and remained behind the fin hinge line.

Effects of Fin Size

The linear dimensions of fin 11 are twice those of fin 4; thus, the planform areas differ by a factor of 4. Comparing results from these two fins, therefore, should show the effects of fin size for fins that have the same taper and aspect ratios. These comparisons can be made from figure 16. For the fin-body configuration (fig. 16(a)) body-alone results have also been included to represent case for zero fin size. This figure shows that the effects of increasing fin size are about the same as for planform area changes.

The effects on the fin loads, shown in figures 16(b) and (c), are much less dramatic. The reference areas used in these coefficients are from the individual fin geometries so that the differences in the curves represent real changes in the loadings on the fins and not just planform area changes. In general, the smaller fin has less C_{NF} and C_{RBM} at the larger angles of attack. The center of pressure plots for these two fins (fig. 16(d)) show very similar patterns.

Effects of Taper Ratio

The effects of taper ratio are illustrated in figure 17, in which results from fins 2 and 6 are presented. Fins 2 and 6 have a common aspect ratio of 4.0 and taper ratios of 0.0 and 0.5, respectively. The effects on the fin-body configuration (fig. 17(a)) are similar to those seen in the effects of fin size shown in figure 16. The effects on the fin results, seen in figures 17(b) and (c), are also similar to those of figure 16 in that the smaller fin has somewhat

lower C_{NF} and C_{RBM} . A large effect is seen, however, in the C_{HM} results. Fin 6 has about 56 percent of its planform area ahead of the hinge line, compared with only 36 percent for fin 2. This difference results in more forward centers of pressure for fin 6 and the large positive C_{HM} values for this fin. As seen in figure 17(d), the centers of pressure for fin 6 are ahead of the hinge line except at the higher angles of attack for the plate-mounted fin, and those for fin 2 are downstream of the hinge line throughout the angle of attack range for both the body-mounted and plate-mounted fins.

Effects of Aspect Ratio

Fins 7, 8, and 9 have aspect ratios of 1, 2, and 3, respectively, and have a common taper ratio of 0. Figure 18 shows the data from these three fins for the baseline conditions. The fin-body configuration data (fig. 18(a)) show that the variation with aspect ratio is approximately linear. The fin loads shown in figures 18(b) and (c) also show systematic, linear variations in C_{NF} and C_{RBM} with aspect ratio but very little variation in C_{HM} except at very large angles of attack. These three fins have the same percentage of their planform areas ahead of the hinge line (36 percent); therefore, the C_{HM} results should be similar. As seen in figure 18(d), the centers of pressure for these three fins show similar patterns.

Comparisons Between Body and Plate Results

Direct comparisons between results for the body-mounted and plate-mounted fins can be made from figure 19 for the baseline conditions. As stated previously, for the body-mounted data, α is the configuration angle of attack, whereas for the plate-mounted data, it is the fin attitude angle. The fin loads show similar results over the common range of α , with the body-mounted fin producing slightly more C_{NF} and C_{RBM} over most of this range with virtually the same C_{HM} . The effect of the body on the fin loads is, thus, to produce a small positive increment in normal

force and bending moment with almost no change in hinge moment. The influence of the body, shown in figure 13(d), is to move the longitudinal centers of pressure slightly upstream but still behind the hinge line, whereas the lateral locations remain virtually unchanged. As the α for the plate-mounted fin increases beyond that of the body-mounted fin, the centers of pressure continue to move rearward and outward.

Comparisons With Triservice Data

As stated previously, one of the objectives of this study is to complement and extend the database obtained in the Triservice missile project. Figure 20 shows both the geometries of the body and fins of the Triservice project and those of the present study. All geometries in this figure have been drawn to a common scale. The test bodies in these two studies are very similar and have the same diameter and nose shape. The primary differences in the test bodies are that the Triservice body is slightly longer and has the fin hinge line located further aft. The fin planform drawings illustrate the constant span of the Triservice fins and the variation in fin span of the current model. One of the fins in the present study has the same planform geometry as one of the Triservice fins. These two fins are shown shaded in figure 20. A check on the consistency of the data between these two projects, therefore, can be made by comparing results from these two fins.

These data are presented in figure 21 for the baseline conditions. As indicated in the model sketches in this figure, the Triservice model contained four fins mounted on the body in a cruciform arrangement whereas the current model contained two fins in the horizontal plane. The Triservice missile data in this figure are identified with two symbols because data at low α and high α were obtained in two separate runs in that project.

The fin-body configuration data are presented in figure 21(a) where very good agreement can be seen in the data for C_N and C_A between these two projects. The Triservice

configuration is more stable because the fins are located further aft on the body in that project. The fin data are shown in figure 21(b). On the Triservice model, all four fins contained three-component balances; however, data from only the horizontal fin on the left side of the body, looking upstream, have been included in this figure so that direct comparisons with the current data could be made. Very good agreement is seen in all three components of the fin data; this agreement indicates a good consistency between the data from these two projects.

Concluding Remarks

A cooperative experimental investigation has been performed to obtain a systematic fin-body and fin-plate database on a series of 12 missile fins. These data are intended to complement and extend the information contained in the Triservice missile database and to provide a systematic set of experimental data from which fin-body interference factors can be derived from a consistent set of data.

Data were obtained with the fins mounted on both an axisymmetric body and on a flat plate that was used to simulate fin-alone measurements. The experiments were conducted over a Mach number range from 0.60 to 3.95; fin deflection angles of 0°, 10°, and -10°; and angles of attack up to 30° on the body and up to 95° on the flat plate. The data were obtained from three-component balances attached to the fins and a six-component balance located in the axisymmetric body.

The entire database is documented in tabular form in this report. In addition, selected data have been presented in graphical form to illustrate the effects of the test variables. These variables are configuration angle of attack; Mach number; and fin parameters of deflection angle, planform size, taper ratio, and aspect ratio. A very limited comparison with the Triservice missile data has been made to illustrate the consistency between the data from these two databases.

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Table 1. Fin Geometry Parameters

$$\left[\frac{X_{HL}}{R} = 0.6 \text{ for all fins} \right]$$

Fin	Root chord, in.	Tip chord, in.	Semispan, in.	Aspect ratio	Taper ratio	Planform area, in ²	Thickness ratio	Fin mount
1	3.0	0.0	1.5	2.00	0.0	2.250	0.061	3
2	3.0	0.0	3.0	4.00	0.0	4.500	0.067	2
3	3.0	0.0	4.5	6.00	0.0	6.750	0.067	2
4	3.0	1.5	1.5	1.33	0.5	3.375	0.061	3
5	3.0	1.5	3.0	2.67	0.5	6.750	0.067	2
6	3.0	1.5	4.5	4.00	0.5	10.125	0.071	1
7	6.0	0.0	1.5	1.00	0.0	4.500	0.031	3
8	6.0	0.0	3.0	2.00	0.0	9.000	0.033	2
9	6.0	0.0	4.5	3.00	0.0	13.500	0.036	1
10	6.0	3.0	1.5	0.67	0.5	6.750	0.031	3
11	6.0	3.0	3.0	1.33	0.5	13.500	0.036	1
12	6.0	3.0	4.5	2.00	0.5	20.250	0.036	1

Table 2. Fin Reference Quantities

Fin	C _{ref} , in.	b _{ref} , in.	S _{ref} , ft ²
1	2.00	1.5	0.0156250
2	2.00	3.0	0.0312500
3	2.00	4.5	0.0468750
4	2.33	1.5	0.0234375
5	2.33	3.0	0.0468750
6	2.33	4.5	0.0703125
7	4.00	1.5	0.0312500
8	4.00	3.0	0.0625000
9	4.00	4.5	0.0937500
10	4.67	1.5	0.0468750
11	4.67	3.0	0.0931750
12	4.67	4.5	0.1400625

Table 3. Index of Data Tables

(a) Fin-body data

Fin	Table for δ , deg, of —		
	0	10	–10
1	4(a)	4(b)	4(c)
2	4(d)	4(e)	4(f)
3	4(g)	4(h)	4(i)
4	4(j)	4(k)	4(l)
5	4(m)	4(n)	4(o)
6	4(p)	4(q)	4(r)
7	4(s)	4(t)	4(u)
8	4(v)	4(w)	4(x)
9	4(y)	4(z)	4(aa)
10	4(bb)	4(cc)	4(dd)
11	4(ee)	4(ff)	4(gg)
12	4(hh)	4(ii)	4(jj)
Off	4(kk)		

(b) Fin-plate data

Fin	Table
1	5(a)
2	5(b)
3	5(c)
4	5(d)
5	5(e)
6	5(f)
7	5(g)
8	5(h)
9	5(i)
10	5(j)
11	5(k)
12	5(l)

Table 4. Fin-Body Data

(a) Fin 1 at $\delta = 0^\circ$ TEST 1056 RUN 108 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.24	-0.1229	0.1514	-0.0919	-0.0560	-0.0024	-0.0245
-0.98	-0.1006	0.1533	-0.0682	-0.0463	-0.0015	-0.0200
0.05	-0.0094	0.1496	0.0272	0.0000	0.0000	0.0000
1.02	0.0749	0.1468	0.1153	0.0483	0.0004	0.0184
2.03	0.1679	0.1466	0.1997	0.0943	0.0019	0.0383
2.99	0.2608	0.1454	0.2711	0.1433	0.0043	0.0572
4.00	0.3689	0.1459	0.3287	0.2080	0.0070	0.0801
6.02	0.6016	0.1456	0.4157	0.3308	0.0139	0.1236
8.04	0.8780	0.1340	0.4465	0.4582	0.0192	0.1707
10.00	1.1711	0.1339	0.4791	0.5955	0.0256	0.2148
13.01	1.6285	0.1138	0.6288	0.7708	0.0422	0.2619
14.34	1.8388	0.1070	0.7141	0.8438	0.0509	0.2795
16.03	2.0924	0.0900	0.8702	0.8853	0.0747	0.2707
18.02	2.4666	0.0768	0.9785	0.9757	0.0800	0.2847
20.03	2.8961	0.0520	1.0636	1.1000	0.0816	0.3208
22.01	3.3242	0.0207	1.0677	1.2185	0.0833	0.3513

TEST 1056 RUN 107 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.23	-0.1183	0.1579	-0.1102	-0.0487	-0.0072	-0.0177
-1.01	-0.0996	0.1588	-0.0896	-0.0461	-0.0064	-0.0140
0.01	-0.0149	0.1575	0.0186	0.0000	0.0000	0.0000
1.14	0.0753	0.1588	0.1504	0.0490	0.0064	0.0136
2.16	0.1713	0.1528	0.2384	0.0845	0.0085	0.0320
3.00	0.2575	0.1552	0.2955	0.1256	0.0103	0.0493
4.04	0.3749	0.1542	0.3505	0.1987	0.0103	0.0754
6.00	0.6144	0.1605	0.4151	0.3180	0.0133	0.1214
8.01	0.9154	0.1542	0.4159	0.4615	0.0122	0.1743
10.04	1.2395	0.1536	0.4477	0.6136	0.0139	0.2196
12.25	1.6022	0.1418	0.5414	0.7318	0.0239	0.2494
14.01	1.8989	0.1264	0.6575	0.7894	0.0322	0.2652
16.17	2.2482	0.1090	0.8856	0.8892	0.0430	0.2690
18.02	2.6134	0.0866	0.9838	0.9881	0.0407	0.2919
20.01	2.9585	0.0706	1.0588	1.0710	0.0316	0.3130
22.04	3.2835	0.0349	1.2261	1.1442	0.0187	0.3318

Table 4. Continued

(a) Continued

TEST 1056 RUN 106 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.22	-0.1213	0.2870	-0.0437	-0.0797	0.0009	-0.0267
-0.99	-0.0993	0.2869	-0.0300	-0.0703	0.0008	-0.0223
0.02	0.0069	0.2815	0.0245	0.0000	0.0000	0.0000
1.00	0.1065	0.2777	0.0885	0.0547	-0.0020	0.0189
2.00	0.2089	0.2790	0.1699	0.0978	-0.0055	0.0400
3.00	0.3080	0.2781	0.2884	0.1560	-0.0085	0.0641
4.00	0.4219	0.2847	0.3667	0.2131	-0.0094	0.0863
6.00	0.6666	0.3074	0.5087	0.3290	-0.0114	0.1286
8.05	0.9508	0.3113	0.6310	0.4600	-0.0126	0.1684
10.05	1.2568	0.3159	0.7828	0.5862	-0.0149	0.2067
12.03	1.5824	0.3032	1.0019	0.6899	-0.0172	0.2376
14.02	1.9235	0.2967	1.2905	0.7386	-0.0165	0.2535
16.02	2.3253	0.2959	1.6115	0.8433	-0.0213	0.2720
18.00	2.7603	0.2850	2.0149	0.9237	-0.0273	0.2914
20.02	3.2858	0.2621	2.6373	0.9914	-0.0354	0.3100
22.09	3.9234	0.2368	3.7518	1.0376	-0.0464	0.3276

TEST 1802 RUN 6 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.30	-0.2183	0.2525	-0.3049	-0.0808	0.0027	-0.0365
-1.32	-0.1241	0.2527	-0.2004	-0.0277	-0.0005	-0.0170
-0.27	-0.0231	0.2511	-0.0578	0.0122	-0.0020	-0.0009
0.73	0.0606	0.2518	0.0672	0.0348	-0.0023	0.0093
1.71	0.1586	0.2518	0.1853	0.0782	-0.0052	0.0274
2.72	0.2584	0.2532	0.2941	0.1239	-0.0077	0.0457
3.72	0.3700	0.2543	0.3984	0.1696	-0.0095	0.0638
5.72	0.6162	0.2589	0.5765	0.2544	-0.0112	0.0967
7.76	0.8945	0.2607	0.7634	0.3510	-0.0119	0.1248
9.73	1.2003	0.2584	1.0296	0.4300	-0.0138	0.1469
11.70	1.5199	0.2512	1.4105	0.4787	-0.0164	0.1633
13.73	1.9031	0.2441	1.9463	0.5069	-0.0164	0.1750
15.77	2.4435	0.2369	2.6796	0.5661	-0.0205	0.1852
17.72	2.9416	0.2288	3.4542	0.6086	-0.0247	0.1963
19.70	3.4892	0.2228	4.2598	0.6449	-0.0319	0.2082
21.73	4.1371	0.2172	4.9682	0.6481	-0.0441	0.2150
23.75	4.8051	0.2124	5.6790	0.6775	-0.0518	0.2266
25.73	5.5259	0.2088	6.1859	0.7379	-0.0563	0.2444
27.75	6.2810	0.2068	6.5299	0.7999	-0.0589	0.2608
29.74	7.0451	0.2045	6.7305	0.8525	-0.0650	0.2770

Table 4. Continued

(a) Continued

TEST 1802 RUN 7 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-3.03	-0.2781	0.2341	-0.4647	-0.1064	0.0036	-0.0436
-2.04	-0.1751	0.2327	-0.3221	-0.0659	0.0016	-0.0270
-1.04	-0.0844	0.2324	-0.1772	-0.0360	-0.0007	-0.0129
0.01	0.0058	0.2320	-0.0055	-0.0201	-0.0004	-0.0033
0.98	0.0861	0.2320	0.1428	0.0072	-0.0003	0.0068
2.01	0.1926	0.2324	0.3016	0.0550	-0.0028	0.0244
3.01	0.2917	0.2344	0.4327	0.1017	-0.0046	0.0402
5.02	0.5206	0.2394	0.6922	0.1771	-0.0066	0.0682
7.01	0.7869	0.2426	0.9458	0.2610	-0.0073	0.0925
8.99	1.0862	0.2406	1.2840	0.3027	-0.0087	0.1074
10.96	1.4432	0.2356	1.7731	0.3268	-0.0118	0.1196
12.96	1.9037	0.2319	2.3826	0.3623	-0.0127	0.1293
14.97	2.3764	0.2300	3.1687	0.4007	-0.0150	0.1364
16.99	2.9016	0.2289	3.8153	0.3946	-0.0235	0.1389
19.03	3.4857	0.2276	4.3427	0.4414	-0.0267	0.1521
21.01	4.0755	0.2306	4.7779	0.5013	-0.0292	0.1676
22.98	4.7033	0.2370	5.1533	0.5630	-0.0320	0.1832
24.99	5.3736	0.2454	5.4647	0.6184	-0.0355	0.1991
26.97	6.0359	0.2476	5.7051	0.6595	-0.0402	0.2139
29.00	6.7351	0.2534	5.9001	0.6945	-0.0454	0.2290

TEST 1629 RUN 1 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.97	-0.2030	0.2218	-0.3296	-0.0545	0.0008	-0.0196
-0.95	-0.1084	0.2220	-0.1673	-0.0125	-0.0003	-0.0052
-0.03	-0.0290	0.2227	-0.0100	0.0037	-0.0004	0.0036
1.02	0.0679	0.2238	0.1919	0.0347	0.0006	0.0157
2.06	0.1516	0.2243	0.3576	0.0649	0.0002	0.0269
3.04	0.2479	0.2262	0.5213	0.1100	-0.0015	0.0420
4.04	0.3541	0.2285	0.6829	0.1630	-0.0019	0.0574
6.07	0.5927	0.2334	1.0030	0.2454	-0.0029	0.0832
8.07	0.8696	0.2363	1.3279	0.3062	-0.0048	0.1028
10.00	1.1907	0.2353	1.7566	0.3422	-0.0097	0.1160
11.99	1.6198	0.2345	2.2827	0.3786	-0.0137	0.1262
13.98	2.0723	0.2342	2.8520	0.4253	-0.0163	0.1369
16.01	2.5860	0.2366	3.4206	0.4370	-0.0210	0.1435
18.02	3.1307	0.2369	3.8834	0.4940	-0.0241	0.1582
20.01	3.7048	0.2411	4.2708	0.5402	-0.0279	0.1717
22.02	4.2979	0.2474	4.6383	0.5892	-0.0299	0.1854
24.00	4.8992	0.2578	4.8599	0.6417	-0.0326	0.2005
26.03	5.5556	0.2660	5.0690	0.6843	-0.0363	0.2155
28.02	6.2382	0.2740	5.2644	0.7237	-0.0405	0.2307
30.05	6.9371	0.2846	5.4617	0.7672	-0.0463	0.2465

Table 4. Continued

(a) Concluded

TEST 1629 RUN 5 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.98	-0.1799	0.2018	-0.3660	-0.0757	0.0001	-0.0226
-0.97	-0.0917	0.2013	-0.1802	-0.0382	-0.0001	-0.0107
-0.04	-0.0101	0.2023	0.0128	-0.0131	0.0001	-0.0004
1.07	0.0864	0.2017	0.2320	0.0245	0.0013	0.0113
2.03	0.1673	0.2028	0.4091	0.0618	0.0012	0.0226
3.05	0.2661	0.2034	0.5986	0.0902	0.0016	0.0336
3.97	0.3585	0.2049	0.7691	0.1207	0.0020	0.0436
5.98	0.5901	0.2120	1.1259	0.1773	0.0018	0.0616
8.06	0.8950	0.2155	1.5118	0.2222	-0.0005	0.0757
10.02	1.2656	0.2172	1.9212	0.2350	-0.0039	0.0819
12.06	1.6849	0.2194	2.3141	0.2751	-0.0070	0.0936
13.99	2.1158	0.2191	2.6780	0.3090	-0.0090	0.1045
16.04	2.5924	0.2235	3.0527	0.3404	-0.0127	0.1160
17.98	3.0569	0.2317	3.4076	0.3751	-0.0136	0.1280
20.05	3.5848	0.2387	3.7030	0.4043	-0.0173	0.1407
21.98	4.1105	0.2479	3.9451	0.4294	-0.0202	0.1521
24.05	4.6934	0.2511	4.1967	0.4653	-0.0233	0.1659
26.05	5.2705	0.2692	4.4142	0.5115	-0.0273	0.1822
27.98	5.8549	0.2912	4.6381	0.5505	-0.0319	0.1967
30.04	6.5023	0.3086	4.8689	0.5972	-0.0359	0.2132

TEST 1629 RUN 6 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.96	-0.1873	0.1770	-0.3061	-0.0409	0.0006	-0.0211
-1.02	-0.1080	0.1757	-0.1232	-0.0156	0.0012	-0.0124
0.02	-0.0170	0.1744	0.0768	0.0067	0.0008	-0.0025
1.04	0.0656	0.1772	0.2644	0.0408	0.0010	0.0079
2.01	0.1475	0.1798	0.4391	0.0618	0.0023	0.0158
3.03	0.2408	0.1827	0.6306	0.0870	0.0018	0.0244
4.06	0.3492	0.1855	0.8139	0.1126	0.0024	0.0336
5.98	0.5727	0.1913	1.1511	0.1527	0.0026	0.0470
8.00	0.8802	0.1990	1.4968	0.1827	0.0011	0.0573
10.02	1.2202	0.2034	1.8623	0.1950	-0.0008	0.0641
12.04	1.5707	0.2120	2.2211	0.2321	-0.0033	0.0739
14.01	1.9375	0.2214	2.5575	0.2620	-0.0052	0.0839
16.00	2.3391	0.2317	2.8649	0.2834	-0.0071	0.0929
18.05	2.7826	0.2325	3.1781	0.3064	-0.0097	0.1040
20.08	3.2604	0.2514	3.4838	0.3372	-0.0130	0.1159
22.00	3.7400	0.2743	3.7628	0.3783	-0.0168	0.1313
24.04	4.2813	0.2947	4.0496	0.4201	-0.0209	0.1479
25.98	4.8259	0.3164	4.3573	0.4485	-0.0242	0.1615
28.03	5.4344	0.3414	4.6865	0.4854	-0.0279	0.1765
29.96	6.0345	0.3578	4.9301	0.5174	-0.0320	0.1901

Table 4. Continued

(b) Fin 1 at $\delta = 10^\circ$ TEST 1056 RUN 111 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.24	0.2065	0.1755	-0.6972	0.2929	-0.0009	0.1140
-1.00	0.2310	0.1760	-0.6776	0.3091	0.0000	0.1195
0.01	0.3367	0.1773	-0.6149	0.3631	0.0014	0.1424
2.21	0.5800	0.1883	-0.5035	0.5195	0.0057	0.1984
2.36	0.6004	0.1937	-0.4986	0.5384	0.0059	0.2034
3.05	0.6784	0.1945	-0.4704	0.5920	0.0084	0.2203
4.08	0.8033	0.2060	-0.4362	0.6612	0.0127	0.2418
6.04	1.0432	0.2230	-0.3641	0.7950	0.0255	0.2766
8.04	1.3062	0.2275	-0.3237	0.9240	0.0393	0.3063
10.11	1.5613	0.2347	-0.2270	0.9518	0.0656	0.2922
12.01	1.8476	0.2351	-0.1756	1.0533	0.0761	0.3046
14.65	2.3193	0.2411	-0.1641	1.1910	0.0741	0.3354
16.04	2.5522	0.2296	-0.0884	1.2323	0.0730	0.3453
18.11	2.9441	0.2194	0.0002	1.3491	0.0707	0.3781
20.03	3.2988	0.2083	0.1836	1.4027	0.0649	0.3928
22.09	3.5350	0.1698	0.4933	1.4262	0.0488	0.4021

TEST 1056 RUN 110 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.25	0.2118	0.1783	-0.6733	0.2743	0.0004	0.1069
-1.00	0.2367	0.1801	-0.6629	0.2883	0.0000	0.1135
0.00	0.3487	0.1914	-0.6174	0.3582	-0.0012	0.1410
1.06	0.4731	0.1967	-0.5768	0.4399	-0.0031	0.1709
2.01	0.5849	0.2080	-0.5467	0.5166	-0.0041	0.1976
3.02	0.7055	0.2077	-0.5094	0.5841	-0.0021	0.2197
4.04	0.8314	0.2207	-0.4750	0.6566	0.0012	0.2399
6.05	1.0864	0.2446	-0.4174	0.7860	0.0128	0.2684
7.00	1.2180	0.2527	-0.4073	0.8280	0.0168	0.2811
8.10	1.3592	0.2539	-0.3723	0.8497	0.0359	0.2737
10.02	1.6085	0.2628	-0.2878	0.9349	0.0311	0.2834
12.03	1.9363	0.2658	-0.2562	1.0427	0.0348	0.2997
14.11	2.2690	0.2594	-0.1011	1.0787	0.0272	0.3087
16.01	2.5516	0.2362	0.1326	1.0344	0.0139	0.2993
18.07	2.9221	0.2150	0.3295	1.0581	0.0051	0.3099
20.02	3.1835	0.1954	0.5331	1.1021	-0.0175	0.3286
22.35	3.5763	0.1638	0.7646	1.1654	-0.0153	0.3492

Table 4. Continued

(b) Continued

TEST 1056 RUN 109 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.23	0.2171	0.3101	-0.6748	0.2951	-0.0183	0.1140
-1.00	0.2420	0.3099	-0.6646	0.3082	-0.0183	0.1191
0.01	0.3550	0.3070	-0.6088	0.3647	-0.0184	0.1392
1.00	0.4696	0.3109	-0.5638	0.4341	-0.0195	0.1609
2.00	0.5778	0.3195	-0.4891	0.4892	-0.0210	0.1805
3.03	0.6830	0.3258	-0.3640	0.5776	-0.0231	0.2052
4.03	0.8001	0.3312	-0.3033	0.6399	-0.0237	0.2250
6.12	1.0585	0.3732	-0.1509	0.7612	-0.0264	0.2591
8.03	1.3233	0.3958	-0.0586	0.8213	-0.0272	0.2786
10.03	1.6422	0.4114	-0.0037	0.9082	-0.0339	0.3002
12.01	1.9818	0.4031	0.1384	1.0687	-0.0422	0.3295
14.04	2.3599	0.4054	0.3589	1.1357	-0.0516	0.3516
16.01	2.7357	0.4063	0.7069	1.1870	-0.0573	0.3655
18.03	3.1435	0.3965	1.2028	1.2402	-0.0618	0.3817
20.03	3.6083	0.3803	1.8989	1.2599	-0.0636	0.3889
22.01	4.1959	0.3498	3.2272	1.2730	-0.0702	0.3976

TEST 1802 RUN 10 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.27	0.0758	0.2791	-0.9659	0.2003	-0.0182	0.0775
-1.28	0.1672	0.2815	-0.8565	0.2375	-0.0196	0.0929
-0.27	0.2730	0.2860	-0.7265	0.2846	-0.0207	0.1099
0.71	0.3594	0.2898	-0.6070	0.3269	-0.0214	0.1231
1.71	0.4582	0.2934	-0.4774	0.3744	-0.0220	0.1368
2.74	0.5624	0.2984	-0.3518	0.4232	-0.0230	0.1506
3.70	0.6590	0.3033	-0.2415	0.4642	-0.0237	0.1626
5.72	0.8975	0.3171	-0.0278	0.5419	-0.0262	0.1861
7.72	1.1479	0.3279	0.1782	0.6203	-0.0287	0.2070
9.73	1.4351	0.3359	0.4837	0.6559	-0.0295	0.2200
11.69	1.7500	0.3381	0.8667	0.7275	-0.0339	0.2350
13.72	2.1303	0.3379	1.4484	0.8280	-0.0394	0.2572
15.73	2.6335	0.3336	2.2813	0.8592	-0.0476	0.2685
17.74	3.1281	0.3273	3.2089	0.8795	-0.0557	0.2798
19.75	3.6549	0.3200	4.0682	0.8978	-0.0681	0.2916
21.70	4.2979	0.3104	4.6088	0.9126	-0.0932	0.3040
23.69	4.9984	0.3090	5.2877	0.9314	-0.1089	0.3181
25.72	5.7137	0.3107	5.7682	0.9713	-0.1157	0.3348
27.71	6.4587	0.3143	6.0761	1.0076	-0.1185	0.3493
29.67	7.2516	0.3165	6.3370	1.0482	-0.1254	0.3647

Table 4. Continued

(b) Continued

TEST 1802 RUN 11 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-3.02	-0.0184	0.2460	-1.0520	0.1187	-0.0115	0.0495
-1.99	0.0797	0.2483	-0.9064	0.1629	-0.0130	0.0648
-0.96	0.1753	0.2514	-0.7534	0.1995	-0.0148	0.0789
0.01	0.2607	0.2548	-0.6031	0.2300	-0.0156	0.0906
1.01	0.3508	0.2585	-0.4498	0.2668	-0.0161	0.1017
2.00	0.4451	0.2629	-0.2911	0.3008	-0.0168	0.1122
3.01	0.5441	0.2672	-0.1326	0.3282	-0.0178	0.1226
4.99	0.7585	0.2799	0.1689	0.4001	-0.0184	0.1423
7.05	1.0201	0.2937	0.5045	0.4547	-0.0201	0.1600
9.00	1.2952	0.2990	0.8664	0.4791	-0.0219	0.1695
10.95	1.6522	0.2983	1.3724	0.5492	-0.0259	0.1842
13.00	2.1121	0.3002	2.0569	0.6122	-0.0308	0.1986
14.99	2.5747	0.3007	2.8746	0.6294	-0.0367	0.2081
17.00	3.0991	0.2957	3.4605	0.6414	-0.0570	0.2189
19.02	3.6962	0.2984	3.9604	0.6712	-0.0658	0.2339
20.97	4.2948	0.3052	4.3593	0.7075	-0.0724	0.2480
23.03	4.9603	0.3182	4.6922	0.7587	-0.0757	0.2645
25.01	5.6344	0.3293	4.9541	0.8109	-0.0813	0.2826
27.00	6.3207	0.3388	5.2135	0.8617	-0.0877	0.3016
29.01	7.0020	0.3486	5.3994	0.9053	-0.0958	0.3201

TEST 1629 RUN 8 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.97	0.0029	0.2387	-0.8800	0.1469	-0.0085	0.0507
-1.05	0.0849	0.2420	-0.7416	0.1795	-0.0097	0.0621
0.00	0.1820	0.2464	-0.5592	0.2214	-0.0110	0.0760
1.05	0.2735	0.2505	-0.3853	0.2648	-0.0123	0.0886
2.04	0.3650	0.2552	-0.2033	0.2967	-0.0134	0.0990
2.98	0.4484	0.2601	-0.0372	0.3261	-0.0140	0.1090
3.98	0.5469	0.2653	0.1426	0.3607	-0.0159	0.1196
6.02	0.7703	0.2793	0.4988	0.4442	-0.0180	0.1406
7.98	1.0265	0.2907	0.8839	0.4668	-0.0188	0.1513
10.00	1.3504	0.2972	1.3359	0.5418	-0.0249	0.1673
12.03	1.7808	0.2997	1.9049	0.5717	-0.0333	0.1796
13.97	2.2231	0.3010	2.4943	0.6187	-0.0345	0.1908
16.03	2.7338	0.3060	3.0258	0.6229	-0.0475	0.1989
17.98	3.2846	0.3066	3.4420	0.6573	-0.0538	0.2132
19.99	3.8460	0.3112	3.7856	0.7025	-0.0609	0.2292
22.05	4.4735	0.3248	4.1353	0.7512	-0.0655	0.2463
24.02	5.0813	0.3399	4.3219	0.8007	-0.0712	0.2650
26.06	5.7571	0.3539	4.5011	0.8683	-0.0793	0.2880
28.00	6.4296	0.3670	4.6948	0.9262	-0.0871	0.3088
30.00	7.1327	0.3827	4.8511	0.9906	-0.0971	0.3313

Table 4. Continued

(b) Concluded

TEST 1629 RUN 11 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	-0.0324	0.2170	-0.8412	0.1647	-0.0051	0.0476
-1.03	0.0587	0.2214	-0.6576	0.1886	-0.0066	0.0568
0.06	0.1494	0.2246	-0.4451	0.2227	-0.0067	0.0677
0.96	0.2278	0.2275	-0.2686	0.2491	-0.0084	0.0763
2.02	0.3207	0.2317	-0.0562	0.2700	-0.0094	0.0852
3.00	0.4136	0.2349	0.1368	0.3035	-0.0100	0.0952
4.07	0.5174	0.2402	0.3462	0.3266	-0.0109	0.1034
6.04	0.7367	0.2510	0.7352	0.3847	-0.0119	0.1196
8.00	1.0208	0.2596	1.1080	0.4319	-0.0148	0.1331
10.01	1.3882	0.2671	1.5115	0.4471	-0.0220	0.1430
12.03	1.8089	0.2708	1.9123	0.4784	-0.0265	0.1545
13.95	2.2409	0.2749	2.2552	0.4932	-0.0315	0.1641
16.02	2.7294	0.2811	2.5929	0.5153	-0.0354	0.1752
17.99	3.2120	0.2950	2.9127	0.5667	-0.0388	0.1908
20.02	3.7494	0.3083	3.1675	0.6069	-0.0434	0.2071
21.99	4.2893	0.3275	3.3822	0.6442	-0.0498	0.2234
23.96	4.8500	0.3454	3.6020	0.6993	-0.0572	0.2441
26.07	5.4768	0.3583	3.7815	0.7687	-0.0665	0.2684
28.03	6.0839	0.3823	3.9696	0.8265	-0.0751	0.2897
30.07	6.7375	0.4101	4.1572	0.8795	-0.0838	0.3124

TEST 1629 RUN 12 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.96	-0.0813	0.1850	-0.6123	0.0465	-0.0029	0.0280
-1.05	0.0020	0.1856	-0.4422	0.0716	-0.0023	0.0363
0.02	0.0930	0.1878	-0.2510	0.0970	-0.0028	0.0454
1.05	0.1792	0.1923	-0.0633	0.0966	-0.0039	0.0501
2.01	0.2611	0.1994	0.1198	0.1123	-0.0040	0.0561
3.01	0.3464	0.2045	0.3114	0.1495	-0.0051	0.0660
4.02	0.4469	0.2120	0.5028	0.1778	-0.0056	0.0737
6.00	0.6739	0.2200	0.8650	0.2252	-0.0068	0.0871
8.02	0.9893	0.2296	1.2022	0.2428	-0.0115	0.0963
9.97	1.3178	0.2400	1.5344	0.2726	-0.0155	0.1069
12.02	1.6756	0.2531	1.8755	0.3039	-0.0206	0.1196
14.03	2.0589	0.2662	2.1832	0.3366	-0.0236	0.1337
15.98	2.4681	0.2802	2.4605	0.3654	-0.0280	0.1482
17.97	2.9077	0.2972	2.7346	0.3900	-0.0342	0.1621
19.99	3.3968	0.3188	3.0059	0.4366	-0.0401	0.1801
22.04	3.9123	0.3442	3.2497	0.4799	-0.0467	0.1991
23.97	4.4555	0.3709	3.4900	0.5440	-0.0533	0.2208
26.07	5.0604	0.3990	3.7553	0.6007	-0.0606	0.2429
28.06	5.6716	0.4270	4.0472	0.6479	-0.0676	0.2620
29.92	6.2568	0.4508	4.2777	0.6992	-0.0731	0.2816

Table 4. Continued

(c) Fin 1 at $\delta = -10^\circ$ TEST 1056 RUN 105 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.25	-0.4976	0.1861	0.6197	-0.4500	-0.0068	-0.1721
-0.98	-0.4676	0.1855	0.6317	-0.4297	-0.0063	-0.1652
0.04	-0.3535	0.1825	0.6879	-0.3625	-0.0041	-0.1396
1.03	-0.2469	0.1765	0.7444	-0.2816	-0.0025	-0.1124
2.03	-0.1476	0.1676	0.8122	-0.2199	-0.0001	-0.0891
3.03	-0.0422	0.1681	0.8797	-0.1587	0.0018	-0.0665
4.02	0.0593	0.1619	0.9445	-0.1090	0.0030	-0.0462
6.07	0.2671	0.1585	1.0950	-0.0136	0.0064	-0.0070
8.03	0.4858	0.1470	1.2297	0.0765	0.0077	0.0298
10.02	0.7256	0.1215	1.3894	0.1672	0.0136	0.0654
12.05	1.0023	0.0983	1.5560	0.2826	0.0202	0.1047
14.01	1.2896	0.0736	1.7466	0.3797	0.0277	0.1401
16.01	1.6202	0.0414	1.9250	0.4996	0.0326	0.1838
18.05	1.9822	0.0103	2.1295	0.6237	0.0393	0.2216
20.02	2.3361	-0.0287	2.3537	0.7226	0.0494	0.2513
22.08	2.6969	-0.0689	2.3923	0.8143	0.0602	0.2745

TEST 1056 RUN 104 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.24	-0.5153	0.1979	0.6582	-0.4903	0.0061	-0.1853
-0.99	-0.4879	0.2016	0.6630	-0.4656	0.0057	-0.1770
0.02	-0.3685	0.1942	0.7034	-0.3940	0.0037	-0.1483
1.02	-0.2560	0.1869	0.7537	-0.3192	0.0022	-0.1193
2.02	-0.1444	0.1829	0.8081	-0.2428	0.0026	-0.0928
3.01	-0.0362	0.1770	0.8619	-0.1849	0.0029	-0.0700
4.03	0.0778	0.1733	0.9202	-0.1231	0.0024	-0.0458
6.04	0.2924	0.1598	1.0596	-0.0230	0.0045	-0.0041
8.02	0.5062	0.1571	1.2380	0.0460	0.0162	0.0183
10.01	0.7609	0.1372	1.4069	0.1530	0.0226	0.0548
12.03	1.0575	0.1122	1.5858	0.2589	0.0268	0.0947
14.02	1.3704	0.0871	1.8015	0.3689	0.0314	0.1352
16.03	1.7291	0.0568	1.9983	0.5151	0.0293	0.1881
18.04	2.1048	0.0183	2.1831	0.6429	0.0347	0.2258
20.03	2.4741	-0.0180	2.3059	0.7324	0.0517	0.2408

Table 4. Continued

(c) Continued

TEST 1056 RUN 103 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.21	-0.4718	0.3628	0.6432	-0.5001	0.0258	-0.1806
-0.97	-0.4435	0.3436	0.6531	-0.4724	0.0252	-0.1732
0.02	-0.3351	0.3275	0.6977	-0.4068	0.0236	-0.1519
1.02	-0.2234	0.3175	0.7450	-0.3291	0.0220	-0.1278
2.02	-0.1185	0.3102	0.8225	-0.2616	0.0194	-0.1042
3.04	-0.0199	0.3055	0.9666	-0.2013	0.0174	-0.0819
4.37	0.1244	0.3095	1.0692	-0.1127	0.0154	-0.0510
6.10	0.3192	0.3105	1.2330	-0.0202	0.0102	-0.0140
8.03	0.5557	0.3140	1.4343	0.0668	0.0095	0.0189
10.03	0.8402	0.2970	1.6497	0.1827	0.0043	0.0618
12.11	1.1635	0.2800	1.9304	0.2808	0.0002	0.1021
14.02	1.4907	0.2614	2.2566	0.3734	-0.0011	0.1332
16.01	1.8630	0.2434	2.6576	0.4724	-0.0006	0.1645
18.02	2.2859	0.2108	3.1182	0.5788	-0.0029	0.1966
20.03	2.7876	0.1882	3.7538	0.6447	-0.0029	0.2168
22.01	3.3932	0.1481	4.8404	0.6733	-0.0033	0.2249

TEST 1802 RUN 9 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.88	-0.5559	0.2991	0.3037	-0.3876	0.0219	-0.1438
-1.84	-0.4496	0.2939	0.4317	-0.3356	0.0209	-0.1291
-0.87	-0.3628	0.2898	0.5406	-0.2890	0.0200	-0.1159
0.16	-0.2526	0.2857	0.6818	-0.2425	0.0189	-0.0997
1.16	-0.1568	0.2819	0.8065	-0.2010	0.0177	-0.0843
2.17	-0.0638	0.2796	0.9184	-0.1685	0.0161	-0.0695
3.18	0.0407	0.2765	1.0358	-0.1212	0.0146	-0.0521
5.12	0.2564	0.2723	1.2464	-0.0363	0.0085	-0.0182
7.12	0.4993	0.2637	1.4630	0.0269	0.0068	0.0089
9.14	0.7897	0.2547	1.7422	0.1159	0.0035	0.0419
11.14	1.1071	0.2395	2.0872	0.1995	0.0005	0.0732
13.12	1.4689	0.2242	2.5559	0.2765	-0.0012	0.0985
15.15	1.9489	0.2093	3.2018	0.3406	-0.0014	0.1177
17.15	2.4840	0.1963	4.0404	0.3986	-0.0042	0.1348
19.13	3.0032	0.1843	4.8238	0.4183	-0.0044	0.1410
21.14	3.5951	0.1817	5.5216	0.4146	-0.0082	0.1365
23.14	4.2724	0.1723	6.2254	0.4381	-0.0127	0.1427
25.08	4.9515	0.1616	6.7274	0.4895	-0.0150	0.1566
27.11	5.7299	0.1527	7.0978	0.5558	-0.0158	0.1733
29.25	6.5267	0.1456	7.3694	0.5991	-0.0192	0.1880

Table 4. Continued

(c) Continued

TEST 1802 RUN 12 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-3.11	-0.5295	0.2649	0.0445	-0.3283	0.0180	-0.1196
-2.09	-0.4311	0.2600	0.2056	-0.2934	0.0166	-0.1080
-1.10	-0.3403	0.2563	0.3612	-0.2490	0.0158	-0.0956
-0.07	-0.2449	0.2525	0.5219	-0.2139	0.0148	-0.0835
0.92	-0.1598	0.2502	0.6646	-0.1806	0.0136	-0.0711
1.94	-0.0579	0.2470	0.8260	-0.1437	0.0120	-0.0565
2.94	0.0433	0.2455	0.9663	-0.1001	0.0102	-0.0419
4.90	0.2580	0.2401	1.2274	-0.0247	0.0059	-0.0136
6.92	0.5122	0.2347	1.5309	0.0266	0.0065	0.0082
8.97	0.8235	0.2273	1.9009	0.0845	0.0041	0.0334
10.91	1.1659	0.2163	2.3682	0.1420	0.0013	0.0550
12.94	1.6551	0.2063	2.9835	0.1957	0.0001	0.0742
14.91	2.1183	0.2009	3.7347	0.2381	-0.0015	0.0873
16.96	2.6531	0.1999	4.4039	0.2649	-0.0046	0.0911
18.95	3.2229	0.1943	4.8873	0.2832	-0.0048	0.0982
20.89	3.8344	0.1928	5.3317	0.3193	-0.0049	0.1083
22.99	4.4843	0.1924	5.7281	0.3660	-0.0065	0.1211
24.91	5.1037	0.1960	6.0244	0.4074	-0.0080	0.1326
26.94	5.7944	0.1979	6.3384	0.4543	-0.0104	0.1459
29.02	6.4818	0.1987	6.5378	0.4965	-0.0128	0.1584

TEST 1629 RUN 9 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.03	-0.4373	0.2550	0.1580	-0.2829	0.0151	-0.1087
-0.98	-0.3466	0.2501	0.3285	-0.2504	0.0140	-0.0982
0.01	-0.2600	0.2477	0.4972	-0.2188	0.0130	-0.0877
1.01	-0.1733	0.2459	0.6630	-0.1755	0.0117	-0.0752
1.95	-0.0867	0.2436	0.8288	-0.1371	0.0104	-0.0626
3.03	0.0175	0.2417	1.0155	-0.1005	0.0095	-0.0494
3.95	0.1084	0.2421	1.1617	-0.0729	0.0085	-0.0383
6.01	0.3453	0.2400	1.4880	-0.0125	0.0067	-0.0122
8.04	0.6120	0.2340	1.8297	0.0318	0.0085	0.0078
10.04	0.9438	0.2264	2.2737	0.0952	0.0080	0.0311
11.96	1.3508	0.2205	2.7871	0.1528	0.0046	0.0500
13.97	1.8119	0.2164	3.3624	0.1888	0.0030	0.0659
15.95	2.3270	0.2148	3.8978	0.2212	0.0026	0.0768
18.00	2.8827	0.2060	4.3642	0.2594	-0.0002	0.0893
20.00	3.4550	0.2051	4.7779	0.2952	-0.0005	0.0980
21.99	4.0230	0.2092	5.1647	0.3200	-0.0008	0.1053
23.97	4.6197	0.2132	5.4256	0.3476	-0.0028	0.1166
26.01	5.2653	0.2176	5.6701	0.3642	-0.0050	0.1261
27.95	5.9144	0.2224	5.8924	0.3887	-0.0081	0.1368
29.97	6.5981	0.2223	6.1335	0.4212	-0.0114	0.1484

Table 4. Continued

(c) Concluded

TEST 1629 RUN 10 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.01	-0.3660	0.2335	-0.0152	-0.2857	0.0108	-0.0906
-1.06	-0.2798	0.2303	0.1805	-0.2552	0.0085	-0.0809
0.00	-0.1884	0.2280	0.3919	-0.2310	0.0070	-0.0719
0.94	-0.1069	0.2254	0.5771	-0.2105	0.0066	-0.0636
2.07	-0.0051	0.2231	0.7903	-0.1734	0.0054	-0.0518
2.97	0.0759	0.2205	0.9512	-0.1562	0.0048	-0.0439
3.98	0.1809	0.2196	1.1288	-0.1219	0.0052	-0.0326
5.98	0.4157	0.2161	1.4700	-0.0623	0.0065	-0.0109
8.03	0.7196	0.2144	1.8243	-0.0200	0.0076	0.0071
9.97	1.0854	0.2092	2.2059	0.0395	0.0077	0.0251
11.95	1.4968	0.2028	2.5874	0.0756	0.0064	0.0390
14.01	1.9454	0.1985	2.9753	0.1212	0.0047	0.0501
15.96	2.4004	0.2040	3.3389	0.1480	0.0041	0.0591
17.98	2.8797	0.2107	3.7107	0.1780	0.0026	0.0686
20.00	3.3745	0.2154	4.0299	0.2148	0.0001	0.0797
22.01	3.9069	0.2204	4.3131	0.2460	-0.0025	0.0910
24.03	4.4584	0.2258	4.5711	0.2831	-0.0042	0.1027
25.99	5.0062	0.2300	4.8353	0.3148	-0.0057	0.1141
28.03	5.6068	0.2402	5.0973	0.3530	-0.0080	0.1272
30.00	6.2141	0.2572	5.3571	0.3845	-0.0106	0.1390

TEST 1629 RUN 13 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.16	-0.3562	0.2026	-0.1173	-0.1910	0.0072	-0.0714
-1.03	-0.2646	0.1980	0.1079	-0.1750	0.0047	-0.0646
-0.05	-0.1812	0.1941	0.2948	-0.1423	0.0050	-0.0560
1.01	-0.0943	0.1930	0.4861	-0.1376	0.0045	-0.0495
1.98	-0.0122	0.1917	0.6648	-0.1170	0.0051	-0.0421
3.05	0.0855	0.1917	0.8604	-0.0916	0.0046	-0.0331
4.00	0.1865	0.1923	1.0307	-0.0830	0.0049	-0.0265
5.97	0.4264	0.1918	1.3377	-0.0353	0.0057	-0.0079
8.05	0.7471	0.1942	1.6531	-0.0145	0.0058	0.0051
10.02	1.0780	0.1971	2.0026	0.0158	0.0061	0.0155
12.05	1.4375	0.2027	2.3732	0.0444	0.0056	0.0237
14.04	1.7961	0.2099	2.7197	0.0737	0.0055	0.0328
15.97	2.1777	0.2188	3.0455	0.0943	0.0061	0.0402
18.02	2.6083	0.2290	3.3727	0.1229	0.0050	0.0484
19.96	3.0491	0.2338	3.6944	0.1737	0.0042	0.0613
21.95	3.5359	0.2469	4.0147	0.2194	0.0027	0.0724
24.01	4.0755	0.2612	4.3390	0.2708	0.0018	0.0862
25.96	4.5991	0.2770	4.6642	0.3049	0.0010	0.0969
28.00	5.1956	0.2981	5.0327	0.3437	-0.0005	0.1089
29.85	5.7616	0.3166	5.3596	0.4029	-0.0010	0.1227

Table 4. Continued

(d) Fin 2 at $\delta = 0^\circ$ TEST 1056 RUN 68 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.20	-0.2261	0.1551	0.1210	-0.0672	0.0031	-0.0289
-0.92	-0.1788	0.1573	0.1071	-0.0490	0.0048	-0.0214
0.01	-0.0404	0.1573	0.0891	0.0000	0.0110	0.0000
1.24	0.1462	0.1606	0.0615	0.0661	0.0182	0.0286
2.31	0.3239	0.1512	0.0001	0.1341	0.0253	0.0561
3.13	0.4715	0.1504	-0.0577	0.1975	0.0328	0.0787
4.02	0.6313	0.1452	-0.1235	0.2684	0.0424	0.1013
6.00	0.9769	0.1476	-0.2272	0.3939	0.0674	0.1342
8.01	1.3101	0.1414	-0.2887	0.4921	0.0880	0.1582
10.00	1.6362	0.1427	-0.2946	0.5961	0.1047	0.1766
12.08	2.0136	0.1421	-0.3166	0.6962	0.1090	0.1992
14.11	2.3747	0.1374	-0.2677	0.7635	0.1035	0.2133
16.04	2.6350	0.1344	-0.0377	0.7772	0.0907	0.2179
18.00	2.8359	0.1331	0.3759	0.6859	0.0533	0.1978
20.00	3.1501	0.1146	0.7664	0.6982	0.0485	0.2030
22.00	3.5384	0.0861	1.0664	0.7460	0.0464	0.2169

TEST 1056 RUN 67 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.20	-0.1844	0.1942	0.0469	-0.0568	-0.0153	-0.0242
-1.00	-0.1558	0.1891	0.0467	-0.0524	-0.0125	-0.0211
0.01	-0.0133	0.1947	0.0565	0.0000	0.0000	0.0000
1.01	0.1017	0.1909	0.1205	0.0362	0.0137	0.0151
2.11	0.2816	0.1896	0.0800	0.0979	0.0268	0.0397
3.04	0.4390	0.1871	0.0292	0.1619	0.0370	0.0626
4.01	0.6069	0.1784	-0.0144	0.2363	0.0515	0.0835
6.00	0.9837	0.1766	-0.1693	0.3721	0.0789	0.1167
8.03	1.3883	0.1750	-0.3482	0.5215	0.0884	0.1562
10.01	1.7411	0.1764	-0.3867	0.6035	0.0976	0.1738
12.04	2.1282	0.1728	-0.4155	0.7090	0.0852	0.1986
13.01	2.3087	0.1657	-0.4151	0.7219	0.0600	0.2077
14.15	2.4685	0.1621	-0.2631	0.7482	0.0446	0.2157
16.06	2.8045	0.1508	-0.0672	0.7967	0.0304	0.2311
18.01	3.1643	0.1308	0.1838	0.8399	0.0222	0.2450
20.27	3.6255	0.1067	0.4753	0.9220	0.0143	0.2694
22.27	4.1144	0.0789	0.3295	1.0420	0.0036	0.3054

Table 4. Continued

(d) Continued

TEST 1056 RUN 72 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.25	-0.2019	0.3328	0.1820	-0.1009	0.0000	-0.0336
-0.99	-0.1552	0.3198	0.1681	-0.0756	-0.0003	-0.0261
0.08	0.0314	0.3175	0.0739	0.0000	0.0000	0.0000
0.08	0.0315	0.3186	0.0775	0.0049	-0.0002	0.0003
2.06	0.3796	0.3223	-0.0610	0.1264	-0.0002	0.0508
3.00	0.5558	0.3150	-0.1082	0.2000	-0.0017	0.0805
4.01	0.7560	0.3216	-0.2085	0.2826	-0.0027	0.1121
6.00	1.1605	0.3431	-0.3662	0.4455	-0.0007	0.1709
8.04	1.5778	0.3449	-0.4918	0.5951	0.0039	0.2163
10.31	2.0347	0.3441	-0.5124	0.7340	0.0095	0.2514
12.09	2.3787	0.3359	-0.3924	0.8187	0.0148	0.2685
14.02	2.7515	0.3279	-0.1247	0.8894	0.0180	0.2838
16.04	3.1736	0.2992	0.2120	0.9564	0.0194	0.3020
18.02	3.6427	0.2934	0.6466	1.0647	0.0096	0.3255
20.01	4.2529	0.2742	1.1765	1.1754	-0.0044	0.3514
22.03	4.9138	0.2560	1.8868	1.2296	-0.0122	0.3701

TEST 1802 RUN 78 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.02	-0.3140	0.2967	-0.0015	-0.1132	-0.0004	-0.0469
-1.09	-0.1629	0.2960	-0.0105	-0.0504	-0.0019	-0.0234
-0.08	-0.0211	0.2957	0.0053	0.0056	-0.0010	-0.0028
0.96	0.1418	0.2967	0.0210	0.0575	0.0005	0.0188
1.96	0.3040	0.2971	0.0089	0.1136	-0.0007	0.0432
2.95	0.4613	0.2967	-0.0115	0.1644	-0.0011	0.0653
3.96	0.6326	0.2973	-0.0262	0.2194	-0.0012	0.0880
5.97	0.9743	0.3007	-0.0431	0.3295	-0.0005	0.1272
7.96	1.3392	0.2971	-0.0264	0.4239	-0.0012	0.1613
9.97	1.7261	0.2909	0.0730	0.5200	-0.0036	0.1928
11.97	2.1284	0.2801	0.2993	0.5984	-0.0066	0.2192
14.00	2.6201	0.2705	0.7027	0.6749	-0.0100	0.2425
15.95	3.1596	0.2619	1.3641	0.7213	-0.0115	0.2547
17.99	3.7575	0.2512	2.0928	0.7703	-0.0135	0.2689
20.00	4.3658	0.2413	2.6737	0.8188	-0.0212	0.2783
21.95	5.0590	0.2321	3.2202	0.8469	-0.0327	0.2888
24.00	5.8015	0.2249	3.7960	0.9017	-0.0442	0.3053
25.95	6.5251	0.2193	4.1115	0.9631	-0.0527	0.3252
28.01	7.3582	0.2190	4.3926	1.0225	-0.0569	0.3445
29.92	8.1229	0.2164	4.4605	1.0657	-0.0619	0.3606

Table 4. Continued

(d) Continued

TEST 1802 RUN 79 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.19	-0.3067	0.2674	-0.0880	-0.1180	-0.0021	-0.0360
-1.17	-0.1649	0.2660	-0.0450	-0.0671	-0.0020	-0.0170
-0.19	-0.0307	0.2651	0.0109	-0.0133	-0.0015	0.0028
0.82	0.1078	0.2660	0.0688	0.0331	-0.0003	0.0210
1.80	0.2485	0.2657	0.1142	0.0778	-0.0001	0.0399
2.81	0.3914	0.2671	0.1545	0.1200	-0.0003	0.0576
3.82	0.5460	0.2694	0.1891	0.1654	-0.0006	0.0752
5.84	0.8613	0.2737	0.2750	0.2484	-0.0008	0.1063
7.84	1.2131	0.2737	0.4124	0.3350	-0.0007	0.1348
9.81	1.5912	0.2684	0.6767	0.4066	-0.0010	0.1581
11.83	2.0372	0.2592	1.1052	0.4589	-0.0048	0.1769
13.83	2.5787	0.2566	1.6938	0.5073	-0.0073	0.1938
15.80	3.0792	0.2537	2.2597	0.5539	-0.0141	0.2059
17.83	3.6715	0.2488	2.7573	0.5915	-0.0225	0.2189
19.83	4.3296	0.2490	3.1269	0.6424	-0.0250	0.2337
21.82	5.0038	0.2510	3.4341	0.6912	-0.0275	0.2495
23.79	5.6862	0.2584	3.6829	0.7310	-0.0302	0.2642
25.80	6.3918	0.2636	3.8720	0.7723	-0.0334	0.2790
27.78	7.1208	0.2678	4.0558	0.8113	-0.0378	0.2947
29.83	7.8592	0.2728	4.1384	0.8626	-0.0441	0.3128

TEST 1629 RUN 50 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.01	-0.3291	0.2623	-0.1538	-0.0910	0.0023	-0.0353
-0.98	-0.1929	0.2601	-0.0761	-0.0407	0.0019	-0.0182
-0.03	-0.0625	0.2596	0.0044	0.0049	0.0025	-0.0022
1.08	0.0802	0.2621	0.0987	0.0649	0.0040	0.0165
1.99	0.1868	0.2643	0.1714	0.1068	0.0045	0.0305
3.12	0.3465	0.2691	0.2605	0.1557	0.0044	0.0492
3.96	0.4656	0.2709	0.3219	0.1791	0.0044	0.0610
5.95	0.7733	0.2777	0.4697	0.2488	0.0046	0.0894
7.99	1.1105	0.2792	0.6565	0.3135	0.0028	0.1147
10.05	1.5126	0.2806	0.9960	0.3717	0.0018	0.1359
11.99	1.9815	0.2767	1.4203	0.4091	0.0009	0.1514
13.99	2.4726	0.2754	1.9083	0.4466	-0.0007	0.1639
15.98	3.0133	0.2759	2.3505	0.4651	-0.0087	0.1735
17.96	3.5990	0.2719	2.6965	0.5012	-0.0110	0.1859
20.00	4.2109	0.2740	3.0062	0.5370	-0.0142	0.1995
21.97	4.8328	0.2801	3.2902	0.5579	-0.0173	0.2118
23.97	5.4850	0.2890	3.4323	0.5950	-0.0187	0.2272
26.03	6.1985	0.2975	3.5347	0.6350	-0.0240	0.2447
28.02	6.9215	0.3042	3.6702	0.6574	-0.0302	0.2604
30.00	7.6482	0.3111	3.7768	0.6945	-0.0342	0.2780

Table 4. Continued

(d) Concluded

TEST 1629 RUN 53 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.08	-0.2882	0.2289	-0.2843	-0.0530	0.0000	-0.0267
-1.10	-0.1669	0.2281	-0.1567	-0.0251	0.0002	-0.0158
-0.02	-0.0401	0.2282	-0.0057	0.0111	0.0005	-0.0035
0.98	0.0745	0.2276	0.1351	0.0501	0.0021	0.0089
2.08	0.2007	0.2278	0.2727	0.0893	0.0026	0.0219
3.05	0.3201	0.2300	0.3876	0.1221	0.0039	0.0336
4.22	0.4759	0.2331	0.5299	0.1549	0.0051	0.0467
6.28	0.7871	0.2410	0.7580	0.2107	0.0050	0.0705
8.34	1.1527	0.2478	1.0186	0.2567	0.0042	0.0919
10.47	1.6008	0.2474	1.3572	0.2929	0.0011	0.1103
12.60	2.0975	0.2469	1.6759	0.3326	-0.0024	0.1256
14.68	2.6054	0.2489	1.9688	0.3477	-0.0050	0.1378
16.82	3.1463	0.2566	2.2733	0.3697	-0.0079	0.1513
18.96	3.7167	0.2666	2.5244	0.3970	-0.0105	0.1663
21.17	4.3466	0.2801	2.7292	0.4277	-0.0145	0.1822
23.25	4.9618	0.2908	2.8742	0.4588	-0.0190	0.1983
25.53	5.6657	0.2980	3.0121	0.5006	-0.0237	0.2180
27.58	6.3405	0.3192	3.1383	0.5460	-0.0277	0.2367
29.81	7.0921	0.3377	3.2607	0.6007	-0.0326	0.2582
30.62	7.3707	0.3448	3.2754	0.6139	-0.0337	0.2653

TEST 1629 RUN 54 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.95	-0.2375	0.1949	-0.1927	-0.0282	-0.0016	-0.0157
-0.99	-0.1345	0.1903	-0.0395	-0.0111	-0.0013	-0.0082
0.05	-0.0282	0.1890	0.0969	0.0097	-0.0003	0.0002
0.97	0.0621	0.1906	0.2250	0.0318	0.0003	0.0081
2.02	0.1751	0.1940	0.3785	0.0573	0.0020	0.0172
3.01	0.2879	0.1971	0.5189	0.0710	0.0022	0.0246
4.03	0.4117	0.2016	0.6638	0.0814	0.0031	0.0319
6.00	0.6822	0.2068	0.9124	0.1014	0.0046	0.0461
8.02	1.0369	0.2029	1.1699	0.1300	0.0061	0.0614
9.99	1.3932	0.2218	1.4604	0.1282	0.0032	0.0719
12.00	1.7785	0.2320	1.7469	0.1480	0.0017	0.0852
14.00	2.1891	0.2424	2.0169	0.1685	-0.0012	0.0995
16.03	2.6342	0.2578	2.2462	0.1870	-0.0044	0.1140
18.00	3.0959	0.2744	2.4610	0.2013	-0.0078	0.1286
19.98	3.5989	0.2860	2.6716	0.2151	-0.0112	0.1440
22.05	4.1659	0.3050	2.8619	0.2258	-0.0148	0.1613
24.03	4.7427	0.3258	3.0481	0.2388	-0.0183	0.1779
25.99	5.3397	0.3515	3.2447	0.2705	-0.0207	0.1957
27.96	5.9777	0.3771	3.4615	0.2871	-0.0241	0.2121
30.09	6.6928	0.3976	3.6405	0.3125	-0.0280	0.2304

Table 4. Continued

(e) Fin 2 at $\delta = 10^\circ$ TEST 1056 RUN 66 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.12	0.5996	0.2346	-1.4032	0.3863	0.0389	0.1494
-0.95	0.6209	0.2336	-1.4013	0.3898	0.0408	0.1505
0.02	0.7628	0.2458	-1.3993	0.4446	0.0507	0.1654
1.03	0.9093	0.2536	-1.3991	0.4982	0.0629	0.1783
2.12	1.0305	0.2625	-1.3310	0.5334	0.0736	0.1821
3.01	1.1612	0.2758	-1.3389	0.5828	0.0784	0.1931
4.03	1.3140	0.2860	-1.3565	0.6478	0.0839	0.2089
6.02	1.5963	0.3141	-1.3590	0.7244	0.0869	0.2227
8.03	1.8681	0.3420	-1.3308	0.7803	0.0800	0.2347
10.02	1.9680	0.3417	-0.9526	0.7465	0.0561	0.2236
12.57	2.1808	0.3302	-0.5274	0.6938	0.0379	0.2136
14.03	2.3994	0.3161	-0.4187	0.7071	0.0353	0.2191
16.41	2.8113	0.3089	-0.2669	0.7517	0.0315	0.2340
18.02	3.1168	0.3031	-0.1434	0.7969	0.0290	0.2463
20.45	3.6134	0.2891	0.0498	0.8720	0.0245	0.2682
22.03	3.9545	0.2779	0.1774	0.9237	0.0218	0.2838

TEST 1056 RUN 65 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.13	0.5564	0.2614	-1.3362	0.3784	0.0497	0.1486
-0.99	0.5791	0.2642	-1.3391	0.3901	0.0515	0.1507
0.01	0.7458	0.2760	-1.3878	0.4572	0.0565	0.1693
1.02	0.9241	0.2877	-1.4498	0.5269	0.0602	0.1885
2.05	1.0901	0.2980	-1.4849	0.5909	0.0647	0.2056
3.01	1.2345	0.3065	-1.4963	0.6533	0.0712	0.2192
4.08	1.3984	0.3229	-1.5192	0.7149	0.0686	0.2356
6.08	1.6948	0.3527	-1.5467	0.8033	0.0661	0.2536
8.32	1.9410	0.3661	-1.4111	0.8061	0.0330	0.2616
10.03	2.1538	0.3685	-1.2879	0.8594	0.0216	0.2768
12.03	2.4021	0.3658	-1.0252	0.8783	0.0151	0.2819
14.06	2.7022	0.3520	-0.7634	0.9040	0.0112	0.2903
16.03	3.0553	0.3464	-0.5499	0.9498	0.0057	0.3043
18.02	3.4580	0.3414	-0.3494	1.0129	-0.0009	0.3240
20.02	3.9283	0.3352	-0.2687	1.1156	-0.0084	0.3534
22.02	4.4226	0.3195	-0.4102	1.2471	-0.0185	0.3881

Table 4. Continued

(e) Continued

TEST 1056 RUN 73 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.12	0.6842	0.4231	-1.6824	0.4500	-0.0231	0.2030
-0.98	0.7099	0.4245	-1.6978	0.4624	-0.0229	0.2069
0.01	0.8966	0.4332	-1.8082	0.5386	-0.0201	0.2311
1.06	1.0853	0.4439	-1.8944	0.6093	-0.0166	0.2530
2.01	1.2471	0.4506	-1.9357	0.6759	-0.0135	0.2712
3.03	1.4021	0.4635	-1.9059	0.7301	-0.0083	0.2841
4.03	1.5544	0.4728	-1.8967	0.7860	-0.0017	0.2941
6.01	1.8527	0.5099	-1.8420	0.8738	0.0063	0.3140
8.01	2.1706	0.5350	-1.7662	0.9483	0.0058	0.3323
10.02	2.5430	0.5500	-1.7368	1.0667	-0.0075	0.3677
12.03	2.9483	0.5620	-1.6779	1.1665	-0.0168	0.3950
14.06	3.3406	0.5763	-1.4152	1.2400	-0.0202	0.4098
16.03	3.7432	0.5751	-1.0625	1.2854	-0.0305	0.4253
18.05	4.1835	0.5714	-0.5055	1.3189	-0.0366	0.4382
20.04	4.7268	0.5566	0.1982	1.3525	-0.0447	0.4504
22.07	5.3232	0.5396	0.9518	1.3876	-0.0512	0.4633

TEST 1802 RUN 82 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.49	0.4695	0.3662	-1.6173	0.2488	-0.0094	0.1203
-0.50	0.6102	0.3743	-1.6075	0.2952	-0.0091	0.1364
0.46	0.7541	0.3814	-1.5883	0.3528	-0.0093	0.1548
1.46	0.8980	0.3902	-1.5660	0.4037	-0.0089	0.1715
2.48	1.0516	0.4005	-1.5470	0.4574	-0.0092	0.1889
3.48	1.2048	0.4110	-1.5267	0.5044	-0.0093	0.2050
4.47	1.3585	0.4223	-1.5048	0.5566	-0.0102	0.2203
6.49	1.6787	0.4463	-1.4541	0.6550	-0.0120	0.2492
8.45	2.0159	0.4715	-1.3189	0.7386	-0.0133	0.2692
10.53	2.3771	0.4825	-1.0636	0.8056	-0.0162	0.2873
12.45	2.7250	0.4826	-0.6872	0.8567	-0.0193	0.3012
14.53	3.2200	0.4775	-0.1591	0.8946	-0.0250	0.3156
16.50	3.7744	0.4743	0.5843	0.9311	-0.0352	0.3304
18.46	4.2981	0.4717	1.3130	0.9800	-0.0477	0.3490
20.50	4.9271	0.4665	1.9815	1.0053	-0.0594	0.3631
22.53	5.6527	0.4637	2.5723	1.0252	-0.0757	0.3773
24.43	6.3397	0.4663	3.0056	1.0622	-0.0868	0.3917
26.49	7.1335	0.4704	3.4044	1.1016	-0.0926	0.4049
28.57	7.9820	0.4772	3.6356	1.1419	-0.0982	0.4205
30.44	8.7217	0.4847	3.7371	1.1717	-0.1063	0.4338

Table 4. Continued

(e) Continued

TEST 1802 RUN 83 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.21	0.2714	0.3207	-1.4681	0.2149	-0.0046	0.0910
-1.23	0.4011	0.3291	-1.4123	0.2634	-0.0049	0.1071
-0.16	0.5425	0.3385	-1.3485	0.3129	-0.0051	0.1232
0.83	0.6720	0.3466	-1.2830	0.3626	-0.0053	0.1385
1.79	0.7982	0.3544	-1.2114	0.4093	-0.0052	0.1525
2.78	0.9288	0.3622	-1.1365	0.4597	-0.0048	0.1660
3.78	1.0622	0.3710	-1.0519	0.5063	-0.0040	0.1789
5.86	1.3654	0.3913	-0.8818	0.5948	-0.0046	0.2041
7.82	1.6952	0.4106	-0.6779	0.6637	-0.0085	0.2265
9.81	2.0502	0.4202	-0.3553	0.7139	-0.0143	0.2455
11.83	2.5057	0.4220	0.1613	0.7533	-0.0202	0.2602
13.80	2.9901	0.4259	0.8059	0.7793	-0.0245	0.2692
15.82	3.4982	0.4253	1.4796	0.8023	-0.0326	0.2778
17.84	4.0809	0.4282	1.9785	0.8176	-0.0486	0.2882
19.84	4.7202	0.4339	2.3510	0.8596	-0.0570	0.3046
21.78	5.3693	0.4470	2.6248	0.9025	-0.0637	0.3215
23.82	6.0917	0.4638	2.8469	0.9607	-0.0706	0.3423
25.79	6.7945	0.4802	3.0549	0.9976	-0.0719	0.3577
27.89	7.5511	0.4948	3.2498	1.0470	-0.0801	0.3773
29.81	8.2514	0.5127	3.3160	1.1094	-0.0929	0.4010

TEST 1629 RUN 56 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.96	0.1939	0.2975	-1.2991	0.0645	-0.0012	0.0658
-0.95	0.3222	0.3072	-1.2395	0.1102	-0.0016	0.0809
-0.01	0.4421	0.3170	-1.1581	0.1548	-0.0026	0.0950
1.03	0.5773	0.3279	-1.0667	0.1993	-0.0042	0.1096
2.05	0.7049	0.3380	-0.9672	0.2400	-0.0039	0.1230
3.12	0.8336	0.3467	-0.8611	0.2773	-0.0035	0.1354
3.99	0.9468	0.3546	-0.7600	0.3126	-0.0032	0.1458
5.99	1.2317	0.3756	-0.5324	0.3808	-0.0025	0.1671
8.04	1.5603	0.3918	-0.2569	0.4391	-0.0043	0.1862
10.03	1.9183	0.4045	0.1283	0.4770	-0.0088	0.1998
11.99	2.3606	0.4081	0.6232	0.5177	-0.0173	0.2137
13.96	2.8268	0.4138	1.1476	0.5468	-0.0196	0.2229
16.05	3.3836	0.4213	1.6251	0.5624	-0.0314	0.2338
18.02	3.9692	0.4296	1.9394	0.5843	-0.0370	0.2468
20.04	4.5977	0.4350	2.2129	0.6179	-0.0429	0.2623
21.96	5.2180	0.4489	2.4640	0.6573	-0.0472	0.2770
23.99	5.8742	0.4738	2.5648	0.7056	-0.0526	0.2948
26.10	6.6278	0.4963	2.6486	0.7613	-0.0606	0.3170
28.06	7.3498	0.5171	2.7425	0.8189	-0.0695	0.3390
29.96	8.0504	0.5352	2.8133	0.8791	-0.0777	0.3614

Table 4. Continued

(e) Concluded

TEST 1629 RUN 59 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.95	0.1123	0.2594	-1.1327	0.1535	0.0027	0.0557
-0.92	0.2337	0.2679	-1.0248	0.1930	0.0027	0.0687
0.06	0.3574	0.2764	-0.9030	0.2315	0.0026	0.0822
1.04	0.4719	0.2864	-0.7821	0.2640	0.0031	0.0948
1.97	0.5863	0.2948	-0.6672	0.2903	0.0038	0.1064
3.01	0.7145	0.3065	-0.5383	0.3257	0.0035	0.1191
3.99	0.8469	0.3175	-0.4013	0.3590	0.0041	0.1309
6.06	1.1321	0.3387	-0.1188	0.4156	0.0029	0.1513
7.99	1.4463	0.3529	0.1798	0.4427	-0.0017	0.1647
9.97	1.8401	0.3604	0.5208	0.4737	-0.0054	0.1746
11.97	2.2708	0.3682	0.8627	0.5022	-0.0114	0.1856
14.03	2.7692	0.3776	1.1350	0.5260	-0.0183	0.1987
15.99	3.2700	0.3873	1.3755	0.5645	-0.0229	0.2146
17.98	3.8095	0.4062	1.6011	0.5958	-0.0280	0.2309
19.99	4.3738	0.4247	1.7412	0.6328	-0.0333	0.2489
22.01	4.9809	0.4512	1.8531	0.6846	-0.0411	0.2701
24.05	5.6178	0.4739	1.9546	0.7365	-0.0481	0.2923
26.03	6.2739	0.5045	2.0012	0.8024	-0.0551	0.3162
27.95	6.9170	0.5364	2.0680	0.8559	-0.0611	0.3375
30.05	7.6585	0.5665	2.0893	0.9185	-0.0694	0.3623

TEST 1629 RUN 60 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.97	-0.0030	0.2181	-0.8346	0.0713	-0.0001	0.0264
-1.04	0.1040	0.2226	-0.7109	0.0943	-0.0002	0.0355
0.03	0.2222	0.2306	-0.5743	0.1265	-0.0004	0.0467
1.01	0.3282	0.2392	-0.4553	0.1493	-0.0011	0.0561
1.98	0.4413	0.2487	-0.3397	0.1790	0.0011	0.0668
3.06	0.5622	0.2605	-0.1861	0.1980	0.0008	0.0775
4.03	0.6861	0.2722	-0.0581	0.2083	0.0016	0.0862
6.05	0.9722	0.2914	0.2026	0.2463	0.0003	0.1043
8.09	1.3203	0.3023	0.4594	0.2527	-0.0046	0.1170
10.03	1.6757	0.3226	0.7456	0.2492	-0.0113	0.1283
12.00	2.0659	0.3405	1.0072	0.2591	-0.0156	0.1412
14.03	2.4955	0.3608	1.2428	0.2796	-0.0199	0.1558
16.00	2.9406	0.3857	1.4229	0.3034	-0.0246	0.1725
17.97	3.4342	0.4133	1.5863	0.3382	-0.0301	0.1919
19.99	3.9679	0.4419	1.7411	0.3777	-0.0361	0.2139
22.01	4.5524	0.4754	1.8462	0.4236	-0.0421	0.2381
24.03	5.1772	0.5117	1.9565	0.4615	-0.0486	0.2625
25.98	5.8051	0.5494	2.0622	0.5220	-0.0550	0.2882
28.02	6.4967	0.5910	2.2185	0.5724	-0.0600	0.3127
30.07	7.2056	0.6232	2.2511	0.6349	-0.0679	0.3379

Table 4. Continued

(f) Fin 2 at $\delta = -10^\circ$ TEST 1056 RUN 70 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.33	-0.9978	0.2593	1.5004	-0.4746	-0.0684	-0.1505
-1.05	-0.9675	0.2588	1.5214	-0.4661	-0.0662	-0.1497
0.02	-0.8414	0.2499	1.5785	-0.4254	-0.0525	-0.1450
1.44	-0.6293	0.2362	1.5567	-0.3426	-0.0389	-0.1210
1.98	-0.5448	0.2274	1.5453	-0.3119	-0.0324	-0.1127
3.00	-0.3979	0.2181	1.5400	-0.2554	-0.0201	-0.0965
4.00	-0.2305	0.2020	1.4902	-0.2017	-0.0106	-0.0761
6.02	0.1252	0.1808	1.3602	-0.0687	0.0045	-0.0265
8.00	0.4579	0.1609	1.2945	0.0335	0.0150	0.0186
10.02	0.8426	0.1207	1.2042	0.1639	0.0295	0.0698
12.06	1.2539	0.0663	1.1517	0.3046	0.0485	0.1179
13.99	1.6075	0.0339	1.2247	0.4055	0.0721	0.1406
16.08	2.0181	-0.0094	1.3061	0.5143	0.0899	0.1687
18.07	2.4185	-0.0394	1.4480	0.5975	0.1028	0.1872
20.11	2.8606	-0.0726	1.5800	0.6881	0.1052	0.2094
22.00	3.2738	-0.1019	1.6943	0.7426	0.0955	0.2230

TEST 1056 RUN 69 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.34	-1.0537	0.2920	1.6349	-0.5164	-0.0648	-0.1450
-0.39	-0.9037	0.2846	1.6119	-0.4593	-0.0593	-0.1338
0.00	-0.8352	0.2788	1.5851	-0.4272	-0.0566	-0.1256
1.01	-0.6470	0.2630	1.4948	-0.3473	-0.0532	-0.0999
2.03	-0.4855	0.2517	1.4640	-0.2885	-0.0466	-0.0830
3.00	-0.3279	0.2413	1.4312	-0.2295	-0.0363	-0.0685
4.06	-0.1333	0.2279	1.3540	-0.1600	-0.0268	-0.0461
6.87	0.3246	0.2149	1.2904	-0.0148	0.0070	0.0105
8.00	0.5232	0.1967	1.2572	0.0260	0.0193	0.0299
10.01	0.9132	0.1571	1.1791	0.1436	0.0395	0.0757
12.46	1.4257	0.0980	1.1518	0.3111	0.0702	0.1276
14.25	1.8008	0.0683	1.2079	0.4268	0.0902	0.1525
15.99	2.1701	0.0289	1.3040	0.5373	0.1025	0.1772
17.95	2.5965	-0.0061	1.4701	0.6390	0.1012	0.2019
19.96	2.9993	-0.0310	1.7233	0.6796	0.0741	0.2141
21.99	3.4647	-0.0744	1.6188	0.7541	0.0429	0.2414

Table 4. Continued

(f) Continued

TEST 1056 RUN 71 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.32	-1.1356	0.4452	2.0232	-0.5663	0.0143	-0.1871
-1.04	-1.0822	0.4395	2.0021	-0.5487	0.0147	-0.1812
0.00	-0.8907	0.4239	1.9015	-0.4859	0.0157	-0.1583
1.02	-0.7051	0.4043	1.8118	-0.4185	0.0170	-0.1354
2.06	-0.5068	0.3931	1.7142	-0.3393	0.0157	-0.1065
3.00	-0.3399	0.3743	1.6772	-0.2704	0.0144	-0.0798
4.06	-0.1422	0.3665	1.6083	-0.1923	0.0114	-0.0492
6.02	0.2264	0.3616	1.4969	-0.0634	0.0064	0.0040
8.00	0.5996	0.3433	1.4511	0.0242	0.0082	0.0492
10.01	1.0233	0.3154	1.3973	0.1544	0.0048	0.1006
12.01	1.4926	0.2677	1.3612	0.3255	0.0005	0.1618
14.00	1.9687	0.2294	1.4338	0.4672	-0.0033	0.2131
16.00	2.4574	0.1930	1.6403	0.6076	-0.0001	0.2536
18.02	2.9735	0.1522	1.9885	0.7232	0.0072	0.2827
20.00	3.5438	0.1079	2.6195	0.7985	0.0148	0.2972
22.02	4.1982	0.0774	3.3610	0.8779	0.0155	0.3193

TEST 1802 RUN 81 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.63	-1.0656	0.4010	1.4514	-0.4887	0.0104	-0.1913
-1.61	-0.9094	0.3918	1.4710	-0.4271	0.0097	-0.1725
-0.61	-0.7530	0.3813	1.4955	-0.3668	0.0096	-0.1537
0.39	-0.6144	0.3733	1.5079	-0.3111	0.0089	-0.1361
1.37	-0.4691	0.3647	1.5208	-0.2593	0.0092	-0.1188
2.42	-0.2989	0.3551	1.5261	-0.1952	0.0088	-0.0967
3.40	-0.1391	0.3475	1.5176	-0.1441	0.0083	-0.0763
5.34	0.1896	0.3287	1.4780	-0.0338	0.0061	-0.0334
7.38	0.5646	0.3040	1.4531	0.0851	0.0050	0.0124
9.37	0.9451	0.2801	1.5380	0.1994	0.0053	0.0545
11.40	1.3946	0.2456	1.6811	0.3097	0.0029	0.0983
13.39	1.8449	0.2150	1.9646	0.3855	0.0016	0.1296
15.38	2.4262	0.1869	2.4836	0.4589	0.0008	0.1577
17.39	3.0290	0.1620	3.1144	0.5267	-0.0032	0.1841
19.35	3.6157	0.1417	3.7338	0.5795	-0.0065	0.2053
21.37	4.3100	0.1261	4.3125	0.6163	-0.0131	0.2195
23.34	5.0224	0.1120	4.8119	0.6575	-0.0178	0.2317
25.39	5.7892	0.0927	5.1898	0.7085	-0.0184	0.2454
27.47	6.6291	0.0762	5.4526	0.7609	-0.0182	0.2588
29.44	7.4316	0.0625	5.5507	0.8071	-0.0220	0.2736

Table 4. Continued

(f) Continued

TEST 1802 RUN 84 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.77	-0.9157	0.3542	1.0119	-0.4704	0.0062	-0.1630
-1.79	-0.7812	0.3456	1.0810	-0.4288	0.0068	-0.1496
-0.80	-0.6514	0.3360	1.1368	-0.3853	0.0071	-0.1355
0.20	-0.5194	0.3276	1.1969	-0.3404	0.0073	-0.1206
1.23	-0.3762	0.3183	1.2562	-0.2921	0.0072	-0.1041
2.25	-0.2329	0.3089	1.3089	-0.2416	0.0077	-0.0872
3.22	-0.0926	0.3008	1.3475	-0.1956	0.0082	-0.0710
5.20	0.2117	0.2839	1.4208	-0.1038	0.0082	-0.0360
7.25	0.5657	0.2647	1.5014	-0.0113	0.0098	0.0005
9.25	0.9552	0.2434	1.7014	0.0820	0.0090	0.0360
11.21	1.4014	0.2236	2.0189	0.1478	0.0064	0.0657
13.21	1.9473	0.2053	2.4991	0.2173	0.0053	0.0928
15.19	2.4724	0.1905	3.1110	0.2666	0.0045	0.1141
17.22	3.0506	0.1777	3.6535	0.3050	-0.0006	0.1294
19.24	3.7009	0.1614	4.0325	0.3618	-0.0028	0.1492
21.24	4.3525	0.1542	4.3390	0.4181	-0.0041	0.1652
23.26	5.0407	0.1498	4.6375	0.4638	-0.0066	0.1802
25.30	5.7533	0.1508	4.9050	0.5028	-0.0093	0.1935
27.24	6.4137	0.1484	5.0736	0.5375	-0.0119	0.2052
29.25	7.1529	0.1444	5.2444	0.5868	-0.0156	0.2201

TEST 1629 RUN 57 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.94	-0.7940	0.3346	0.9636	-0.2320	0.0000	-0.1237
-0.97	-0.6737	0.3254	1.0499	-0.1998	0.0008	-0.1123
0.01	-0.5429	0.3172	1.1457	-0.1588	-0.0001	-0.0988
1.02	-0.4210	0.3109	1.2250	-0.1188	-0.0009	-0.0853
1.99	-0.2940	0.3019	1.3092	-0.0848	-0.0013	-0.0722
3.08	-0.1463	0.2932	1.3867	-0.0429	-0.0011	-0.0562
4.05	-0.0067	0.2862	1.4605	-0.0069	-0.0003	-0.0411
5.98	0.2840	0.2748	1.5852	0.0651	0.0005	-0.0122
8.03	0.6373	0.2543	1.7400	0.1462	0.0024	0.0184
10.02	1.0263	0.2400	2.0068	0.2245	0.0013	0.0479
11.97	1.5012	0.2265	2.3965	0.2890	-0.0025	0.0739
14.03	2.0553	0.2119	2.8587	0.3620	-0.0032	0.1009
15.99	2.6108	0.1994	3.2680	0.3876	-0.0049	0.1201
18.05	3.2185	0.1858	3.6312	0.4337	-0.0084	0.1360
19.97	3.7887	0.1799	3.9491	0.4822	-0.0099	0.1498
21.96	4.4038	0.1766	4.2514	0.5321	-0.0128	0.1643
24.01	5.0524	0.1793	4.4404	0.5735	-0.0146	0.1781
26.08	5.7536	0.1767	4.5878	0.6146	-0.0160	0.1932
27.97	6.4149	0.1757	4.7243	0.6741	-0.0194	0.2103
30.02	7.1644	0.1764	4.8670	0.7328	-0.0244	0.2291

Table 4. Continued

(f) Concluded

TEST 1629 RUN 58 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.02	-0.6556	0.2982	0.5963	-0.3063	-0.0023	-0.1179
-0.96	-0.5282	0.2883	0.7336	-0.2661	-0.0023	-0.1046
-0.03	-0.4161	0.2804	0.8481	-0.2317	-0.0020	-0.0925
1.02	-0.2889	0.2731	0.9779	-0.1960	-0.0021	-0.0785
2.02	-0.1623	0.2656	1.0826	-0.1612	-0.0019	-0.0656
3.05	-0.0363	0.2570	1.1875	-0.1301	-0.0015	-0.0527
4.08	0.1103	0.2495	1.2980	-0.1072	-0.0011	-0.0408
6.01	0.3877	0.2381	1.4918	-0.0560	0.0001	-0.0188
8.04	0.7426	0.2298	1.7015	0.0080	0.0030	0.0048
10.01	1.1700	0.2209	1.9781	0.0734	0.0020	0.0276
11.99	1.6181	0.2084	2.2891	0.1237	0.0003	0.0449
14.07	2.1104	0.2005	2.5977	0.1657	-0.0017	0.0608
16.07	2.6017	0.1981	2.9070	0.2059	-0.0034	0.0758
18.01	3.0960	0.1982	3.1946	0.2450	-0.0053	0.0904
20.00	3.6201	0.2028	3.4375	0.2937	-0.0072	0.1059
22.01	4.1873	0.2061	3.6483	0.3469	-0.0086	0.1224
23.97	4.7551	0.2094	3.8396	0.3989	-0.0102	0.1388
26.05	5.3769	0.2075	4.0355	0.4469	-0.0120	0.1558
28.06	6.0119	0.2127	4.2095	0.5036	-0.0142	0.1737
30.04	6.6582	0.2235	4.3872	0.5505	-0.0167	0.1909

TEST 1629 RUN 61 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.04	-0.5526	0.2535	0.3899	-0.1644	0.0004	-0.0752
-0.98	-0.4449	0.2438	0.5470	-0.1443	0.0002	-0.0652
0.02	-0.3262	0.2340	0.6701	-0.1211	0.0007	-0.0550
1.02	-0.2198	0.2284	0.7849	-0.0972	-0.0001	-0.0453
2.04	-0.1102	0.2245	0.9208	-0.0740	0.0005	-0.0355
3.00	0.0033	0.2200	1.0401	-0.0527	0.0004	-0.0266
4.03	0.1352	0.2150	1.1679	-0.0335	-0.0001	-0.0174
6.03	0.4260	0.2098	1.3854	0.0042	0.0044	-0.0001
7.96	0.7507	0.2066	1.6114	0.0379	0.0031	0.0136
10.05	1.1243	0.2052	1.9317	0.0800	0.0026	0.0262
11.94	1.4766	0.2077	2.2309	0.1069	0.0019	0.0360
13.97	1.8654	0.2122	2.5508	0.1457	0.0011	0.0475
15.99	2.2769	0.2181	2.8296	0.1864	0.0004	0.0596
18.07	2.7518	0.2275	3.1123	0.2445	-0.0001	0.0748
19.99	3.2230	0.2374	3.3710	0.2916	-0.0013	0.0896
21.94	3.7301	0.2367	3.6110	0.3485	-0.0032	0.1067
23.99	4.2997	0.2475	3.8666	0.4126	-0.0053	0.1263
25.95	4.8706	0.2637	4.1423	0.4766	-0.0076	0.1458
28.02	5.5056	0.2817	4.4270	0.5479	-0.0087	0.1671
29.95	6.1288	0.2875	4.6220	0.6219	-0.0104	0.1882

Table 4. Continued

(g) Fin 3 at $\delta = 0^\circ$ TEST 1056 RUN 61 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.19	-0.3539	0.1637	0.3439	-0.0887	-0.0112	-0.0363
-0.86	-0.2647	0.1662	0.2679	-0.0602	-0.0086	-0.0239
0.00	-0.0687	0.1677	0.1266	0.0000	0.0000	0.0000
1.02	0.1401	0.1658	0.0044	0.0628	0.0093	0.0251
2.02	0.3945	0.1678	-0.2087	0.1455	0.0187	0.0566
3.02	0.6573	0.1539	-0.4364	0.2305	0.0304	0.0877
4.02	0.9208	0.1435	-0.6558	0.3187	0.0445	0.1166
6.08	1.3557	0.1498	-0.8789	0.4429	0.0785	0.1406
8.02	1.7501	0.1565	-1.0720	0.5375	0.0924	0.1609
10.04	2.1599	0.1587	-1.2242	0.6321	0.1037	0.1786
12.02	2.4793	0.1710	-1.1709	0.6823	0.0936	0.1879
16.26	2.8554	0.1830	-0.3361	0.6106	0.0478	0.1811
18.07	3.1631	0.1655	-0.1145	0.6368	0.0434	0.1917
20.03	3.5576	0.1455	0.0977	0.6804	0.0405	0.2066
22.04	4.0176	0.1191	0.2207	0.7363	0.0388	0.2238
0.01	-0.0684	0.1662	0.1300	-0.0070	0.0006	-0.0008

TEST 1056 RUN 60 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.20	-0.3080	0.2357	0.2213	-0.0828	-0.0168	-0.0352
-0.91	-0.2456	0.2348	0.1815	-0.0637	-0.0121	-0.0276
0.00	-0.0423	0.2364	0.0554	0.0000	0.0000	0.0000
1.04	0.1531	0.2382	-0.0220	0.0588	0.0183	0.0239
2.03	0.3797	0.2318	-0.1611	0.1276	0.0364	0.0476
3.02	0.6337	0.2213	-0.3665	0.2106	0.0512	0.0788
4.03	0.9009	0.2076	-0.5795	0.3000	0.0689	0.1088
6.01	1.4725	0.1908	-1.0867	0.4911	0.0982	0.1657
8.01	1.8743	0.2053	-1.2389	0.5523	0.1191	0.1557
10.03	2.1928	0.2278	-1.2132	0.6199	0.1147	0.1675
12.01	2.5784	0.2290	-1.2972	0.7040	0.0738	0.1958
14.14	3.0558	0.2094	-1.3743	0.8025	0.0444	0.2324
16.04	3.4687	0.1890	-1.3147	0.8696	0.0319	0.2553
18.03	3.8769	0.1645	-1.1166	0.9190	0.0226	0.2731
20.06	4.3447	0.1374	-0.9808	0.9890	0.0138	0.2959
22.11	4.9066	0.1023	-1.2670	1.1014	0.0044	0.3298
0.01	-0.0422	0.2059	0.0620	0.0127	0.0004	0.0001

Table 4. Continued

(g) Continued

TEST 1056 RUN 59 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.20	-0.3413	0.4184	0.2795	-0.1006	-0.0043	-0.0333
-0.93	-0.2669	0.4069	0.2161	-0.0819	-0.0037	-0.0255
0.03	-0.0369	0.3911	0.0239	0.0000	0.0000	0.0000
1.07	0.2052	0.3900	-0.1680	0.0640	0.0052	0.0250
2.03	0.4592	0.3852	-0.3836	0.1388	0.0070	0.0538
3.03	0.7283	0.3794	-0.5882	0.2290	0.0072	0.0881
4.02	1.0117	0.3733	-0.8449	0.3238	0.0081	0.1217
6.01	1.5554	0.3786	-1.2782	0.5027	0.0093	0.1811
8.05	2.1017	0.3803	-1.6462	0.6611	0.0135	0.2295
10.03	2.6099	0.3784	-1.8608	0.7980	0.0165	0.2674
12.12	3.1394	0.3624	-1.9813	0.9353	0.0168	0.3038
14.01	3.5932	0.3520	-1.8745	1.0317	0.0181	0.3269
16.06	4.0659	0.3382	-1.5559	1.1076	0.0182	0.3452
18.00	4.6075	0.3139	-1.2980	1.2036	0.0043	0.3641
20.04	5.2337	0.2928	-0.7792	1.2507	-0.0069	0.3770
22.04	5.9496	0.2722	-0.2294	1.3050	-0.0147	0.3948
0.00	-0.0271	0.3101	0.0615	0.0077	0.0013	-0.0015

TEST 1802 RUN 90 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.06	-0.4443	0.3359	0.1787	-0.1195	-0.0015	-0.0538
-1.05	-0.2324	0.3346	0.0591	-0.0582	-0.0007	-0.0292
-0.03	-0.0309	0.3340	-0.0316	0.0036	0.0026	-0.0054
0.95	0.1845	0.3340	-0.1401	0.0652	0.0051	0.0192
1.95	0.3926	0.3341	-0.2667	0.1236	0.0054	0.0437
2.96	0.6058	0.3346	-0.3863	0.1941	0.0059	0.0680
4.01	0.8370	0.3370	-0.5181	0.2439	0.0062	0.0902
5.93	1.2463	0.3386	-0.7292	0.3537	0.0073	0.1277
7.98	1.7185	0.3358	-0.9096	0.4739	0.0072	0.1658
9.92	2.1758	0.3250	-0.9769	0.5831	0.0065	0.1990
11.95	2.6800	0.3125	-0.9051	0.6812	0.0038	0.2306
13.94	3.2116	0.3025	-0.6743	0.7659	0.0008	0.2577
15.98	3.8975	0.2929	-0.1777	0.8440	-0.0046	0.2827
17.96	4.4966	0.2808	0.4444	0.8988	-0.0093	0.2984
19.91	5.1301	0.2694	0.9907	0.9448	-0.0147	0.3101
21.96	5.8750	0.2588	1.3467	0.9816	-0.0255	0.3253
23.98	6.6538	0.2487	1.8424	1.0275	-0.0363	0.3420
26.02	7.4857	0.2419	2.1992	1.0851	-0.0446	0.3581
27.94	8.2967	0.2379	2.3476	1.1389	-0.0511	0.3766
29.96	9.1993	0.2332	2.3905	1.1944	-0.0593	0.3950

Table 4. Continued

(g) Continued

TEST 1802 RUN 91 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.18	-0.3729	0.2934	-0.0135	-0.1094	-0.0006	-0.0357
-1.19	-0.1970	0.2919	-0.0417	-0.0577	0.0004	-0.0183
-0.17	-0.0212	0.2900	-0.0525	-0.0051	0.0024	-0.0008
0.81	0.1392	0.2907	-0.0627	0.0392	0.0041	0.0147
1.82	0.3165	0.2914	-0.0991	0.0948	0.0050	0.0326
2.84	0.5103	0.2941	-0.1433	0.1412	0.0055	0.0498
3.82	0.7062	0.2972	-0.1957	0.1968	0.0053	0.0694
5.79	1.0948	0.3028	-0.2945	0.2841	0.0048	0.1032
7.79	1.5284	0.3045	-0.3249	0.3814	0.0040	0.1377
9.82	1.9899	0.2977	-0.2050	0.4693	0.0028	0.1672
11.80	2.5173	0.2927	0.1239	0.5445	-0.0008	0.1920
13.81	3.0998	0.2877	0.5793	0.6168	-0.0030	0.2131
15.85	3.6777	0.2803	1.1068	0.6576	-0.0091	0.2289
17.79	4.3016	0.2745	1.4857	0.7085	-0.0192	0.2458
19.79	4.9973	0.2740	1.7214	0.7659	-0.0236	0.2631
21.87	5.7402	0.2752	1.9564	0.8277	-0.0275	0.2812
23.77	6.4276	0.2815	2.1087	0.8740	-0.0310	0.2970
25.78	7.1841	0.2873	2.2063	0.9204	-0.0351	0.3141
27.80	7.9724	0.2903	2.2628	0.9649	-0.0390	0.3321
29.77	8.7410	0.2944	2.2936	1.0193	-0.0450	0.3505

TEST 1629 RUN 68 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.05	-0.3788	0.2758	0.0269	-0.0733	-0.0037	-0.0280
-0.99	-0.2201	0.2754	0.0245	-0.0390	-0.0027	-0.0143
0.03	-0.0623	0.2746	0.0475	-0.0034	-0.0010	-0.0006
1.07	0.0931	0.2769	0.0889	0.0369	0.0016	0.0126
1.97	0.2325	0.2792	0.1114	0.0731	0.0027	0.0246
3.00	0.4025	0.2808	0.1261	0.1141	0.0034	0.0390
4.03	0.5823	0.2845	0.1325	0.1536	0.0042	0.0534
5.98	0.9470	0.2932	0.1284	0.2302	0.0040	0.0818
7.98	1.3642	0.2945	0.1496	0.3117	0.0039	0.1123
9.97	1.8309	0.2974	0.2894	0.4016	0.0029	0.1429
11.98	2.3776	0.2970	0.5685	0.4701	-0.0029	0.1690
14.03	2.9492	0.2959	0.9480	0.5204	-0.0051	0.1884
15.97	3.5201	0.2957	1.2656	0.5573	-0.0106	0.2050
18.00	4.1584	0.2956	1.5294	0.5870	-0.0136	0.2200
20.06	4.8329	0.2993	1.7449	0.6342	-0.0174	0.2366
21.99	5.4823	0.3037	1.9102	0.6797	-0.0208	0.2527
24.06	6.2005	0.3146	1.9669	0.7291	-0.0256	0.2710
26.03	6.9287	0.3206	1.9740	0.7787	-0.0305	0.2886
27.97	7.6798	0.3305	1.9660	0.8359	-0.0364	0.3085
30.02	8.5032	0.3377	1.9635	0.9003	-0.0416	0.3307

Table 4. Continued

(g) Concluded

TEST 1629 RUN 71 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.18	-0.3403	0.2461	-0.1698	-0.0848	-0.0025	-0.0279
-1.24	-0.2148	0.2454	-0.1033	-0.0550	-0.0017	-0.0184
-0.18	-0.0735	0.2457	-0.0086	-0.0094	-0.0002	-0.0070
0.78	0.0563	0.2460	0.0899	0.0262	0.0016	0.0032
1.73	0.1886	0.2469	0.1722	0.0614	0.0031	0.0137
2.81	0.3447	0.2489	0.2474	0.0978	0.0047	0.0254
3.86	0.5091	0.2518	0.3234	0.1322	0.0052	0.0369
5.83	0.8377	0.2589	0.4523	0.1929	0.0059	0.0582
7.75	1.2062	0.2658	0.5908	0.2423	0.0065	0.0780
9.78	1.6851	0.2675	0.7624	0.2889	0.0049	0.0994
11.78	2.1943	0.2689	0.9599	0.3269	0.0016	0.1201
13.78	2.7173	0.2733	1.1222	0.3744	-0.0031	0.1411
15.76	3.2641	0.2804	1.2742	0.4179	-0.0073	0.1623
17.80	3.8459	0.2919	1.4419	0.4642	-0.0118	0.1834
19.78	4.4381	0.3051	1.5366	0.5153	-0.0160	0.2037
21.77	5.0635	0.3213	1.5930	0.5614	-0.0203	0.2238
23.85	5.7480	0.3346	1.6190	0.6020	-0.0240	0.2444
25.78	6.4023	0.3441	1.6108	0.6576	-0.0278	0.2651
27.80	7.1214	0.3648	1.6050	0.7222	-0.0317	0.2874
29.81	7.8554	0.3801	1.5713	0.7858	-0.0365	0.3096

TEST 1629 RUN 72 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.96	-0.2813	0.2045	-0.1240	-0.0654	-0.0030	-0.0248
-0.97	-0.1626	0.2029	-0.0047	-0.0351	-0.0025	-0.0166
0.06	-0.0406	0.2022	0.1064	0.0012	-0.0010	-0.0077
1.01	0.0734	0.2052	0.2092	0.0347	0.0009	0.0005
2.06	0.2027	0.2080	0.3246	0.0691	0.0023	0.0093
2.98	0.3155	0.2126	0.4225	0.0901	0.0031	0.0163
4.01	0.4548	0.2172	0.5291	0.1214	0.0045	0.0251
5.97	0.7601	0.2237	0.7168	0.1636	0.0055	0.0402
8.03	1.1413	0.2242	0.9092	0.2032	0.0055	0.0557
10.01	1.5404	0.2418	1.1317	0.2360	0.0039	0.0701
12.06	1.9645	0.2545	1.3586	0.2762	0.0028	0.0861
14.03	2.4115	0.2666	1.5398	0.3066	0.0003	0.1026
16.02	2.8847	0.2835	1.6752	0.3500	-0.0029	0.1213
18.01	3.4091	0.3029	1.7922	0.3908	-0.0065	0.1421
19.93	3.9495	0.3199	1.8802	0.4374	-0.0102	0.1651
22.02	4.5869	0.3401	1.9303	0.4962	-0.0154	0.1938
24.00	5.2443	0.3659	1.9514	0.5485	-0.0210	0.2224
26.04	5.9416	0.3951	2.0085	0.5983	-0.0265	0.2510
28.07	6.6716	0.4270	2.0629	0.6495	-0.0317	0.2790
30.07	7.4252	0.4505	2.0953	0.7008	-0.0369	0.3056

Table 4. Continued

(h) Fin 3 at $\delta = 10^\circ$ TEST 1056 RUN 64 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.07	1.0101	0.2997	-2.1127	0.4648	0.0618	0.1473
-0.97	1.0293	0.3020	-2.1201	0.4703	0.0630	0.1489
0.01	1.2182	0.3190	-2.2057	0.5245	0.0723	0.1613
1.10	1.3816	0.3393	-2.2191	0.5670	0.0806	0.1672
2.04	1.5364	0.3535	-2.2654	0.6091	0.0852	0.1754
3.01	1.7121	0.3694	-2.3386	0.6633	0.0906	0.1867
4.01	1.8472	0.3856	-2.3268	0.6894	0.0920	0.1907
6.05	2.0824	0.4160	-2.2400	0.7437	0.0814	0.2003
8.04	2.0536	0.4108	-1.6631	0.6606	0.0509	0.1864
10.06	2.2574	0.4147	-1.4510	0.6775	0.0450	0.1955
12.01	2.5437	0.4150	-1.3480	0.7046	0.0398	0.2064
14.53	2.9508	0.4130	-1.1871	0.7449	0.0357	0.2220
16.03	3.2233	0.4069	-1.1142	0.7681	0.0335	0.2319
18.02	3.6265	0.4073	-1.0300	0.8167	0.0301	0.2474
20.04	4.0713	0.4065	-0.9404	0.8758	0.0265	0.2649
22.05	4.5460	0.3960	-0.8841	0.9417	0.0224	0.2828

TEST 1056 RUN 63 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.05	1.0942	0.3517	-2.2630	0.4941	0.0789	0.1737
-0.97	1.1164	0.3550	-2.2738	0.5037	0.0802	0.1749
0.03	1.2445	0.3761	-2.2354	0.5070	0.0905	0.1581
1.02	1.3876	0.3893	-2.2421	0.5638	0.0946	0.1705
2.04	1.5829	0.4087	-2.3448	0.6247	0.0959	0.1845
3.15	1.7839	0.4250	-2.4534	0.6754	0.0859	0.1965
4.01	1.9308	0.4402	-2.5221	0.7101	0.0753	0.2079
6.02	2.2484	0.4683	-2.6226	0.8051	0.0446	0.2395
8.02	2.5439	0.4885	-2.6265	0.8768	0.0295	0.2623
10.02	2.8389	0.4969	-2.5469	0.9247	0.0211	0.2777
12.02	3.1494	0.4937	-2.3958	0.9482	0.0161	0.2883
14.02	3.4807	0.4926	-2.2082	0.9844	0.0112	0.3001
16.05	3.8515	0.4912	-2.0038	1.0189	0.0059	0.3123
18.06	4.2665	0.4843	-1.8215	1.0738	-0.0007	0.3297
20.01	4.7628	0.4832	-1.8080	1.1612	-0.0090	0.3551
22.14	5.3621	0.4802	-2.1391	1.2803	-0.0197	0.3891

Table 4. Continued

(h) Continued

TEST 1056 RUN 62 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.03	1.1867	0.5251	-2.6417	0.5581	-0.0106	0.2089
-1.00	1.1924	0.5292	-2.6502	0.5618	-0.0108	0.2093
0.02	1.4596	0.5413	-2.8942	0.6423	-0.0074	0.2348
1.02	1.6988	0.5597	-3.1075	0.7176	-0.0043	0.2566
2.02	1.9318	0.5776	-3.2842	0.7912	-0.0019	0.2776
3.07	2.1601	0.5990	-3.3978	0.8663	-0.0008	0.2995
4.12	2.3896	0.6232	-3.5264	0.9418	0.0013	0.3185
6.04	2.7869	0.6687	-3.6859	1.0613	0.0042	0.3470
8.02	3.1759	0.6881	-3.7289	1.1631	0.0050	0.3697
10.01	3.6058	0.7067	-3.8072	1.2445	-0.0096	0.3906
12.02	3.9245	0.7092	-3.5080	1.2925	-0.0161	0.4010
14.03	4.3209	0.7201	-3.2740	1.3344	-0.0204	0.4121
16.01	4.7587	0.7367	-2.9796	1.3791	-0.0307	0.4282
18.09	5.2476	0.7443	-2.5273	1.4090	-0.0415	0.4420
20.01	5.8042	0.7320	-1.9724	1.4401	-0.0479	0.4540
22.03	6.4522	0.7337	-1.2872	1.4756	-0.0530	0.4658
0.05	1.4719	0.4959	-2.8975	0.6394	-0.0063	0.2347

TEST 1802 RUN 86 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.05	0.7056	0.4399	-2.2941	0.2869	-0.0061	0.1294
-1.06	0.8982	0.4555	-2.3825	0.3471	-0.0058	0.1489
-0.07	1.0862	0.4712	-2.4621	0.4003	-0.0056	0.1664
1.00	1.2952	0.4893	-2.5378	0.4694	-0.0054	0.1858
1.96	1.4791	0.5039	-2.6039	0.5232	-0.0059	0.2028
2.92	1.6586	0.5186	-2.6659	0.5738	-0.0064	0.2189
3.97	1.8596	0.5339	-2.7178	0.6323	-0.0067	0.2367
5.92	2.2434	0.5643	-2.8218	0.7378	-0.0076	0.2672
7.93	2.6555	0.5973	-2.9054	0.8258	-0.0093	0.2948
9.94	3.0989	0.6241	-2.8897	0.9186	-0.0134	0.3221
12.02	3.5506	0.6315	-2.6438	0.9870	-0.0191	0.3408
13.94	3.9791	0.6333	-2.2837	1.0246	-0.0241	0.3539
15.99	4.5852	0.6308	-1.5757	1.0588	-0.0330	0.3672
17.97	5.1358	0.6280	-0.8471	1.0871	-0.0424	0.3796
19.96	5.7272	0.6262	-0.1445	1.1295	-0.0566	0.3928
22.00	6.4970	0.6278	0.2660	1.1745	-0.0719	0.4118
23.91	7.2173	0.6307	0.6853	1.2059	-0.0811	0.4228
25.93	7.9889	0.6373	1.0029	1.2378	-0.0891	0.4340
27.96	8.8362	0.6531	1.2003	1.2796	-0.0966	0.4500
30.03	9.7121	0.6658	1.3631	1.3207	-0.1030	0.4648

Table 4. Continued

(h) Continued

TEST 1802 RUN 87 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.16	0.5192	0.3832	-1.9973	0.2622	-0.0049	0.1046
-1.23	0.6853	0.3984	-2.0370	0.3159	-0.0051	0.1218
-0.21	0.8657	0.4146	-2.0709	0.3675	-0.0052	0.1396
0.79	1.0411	0.4316	-2.0867	0.4234	-0.0051	0.1569
1.79	1.2062	0.4468	-2.0942	0.4682	-0.0050	0.1719
2.76	1.3739	0.4597	-2.0948	0.5179	-0.0048	0.1863
3.81	1.5474	0.4740	-2.0823	0.5632	-0.0044	0.2004
5.79	1.9024	0.5008	-2.0448	0.6453	-0.0044	0.2253
7.82	2.2913	0.5248	-1.9472	0.7248	-0.0066	0.2491
9.82	2.7099	0.5412	-1.7309	0.7867	-0.0110	0.2703
11.80	3.2145	0.5557	-1.3590	0.8402	-0.0197	0.2897
13.77	3.7448	0.5642	-0.7890	0.8772	-0.0256	0.3036
15.79	4.2524	0.5638	-0.0632	0.8998	-0.0333	0.3131
17.78	4.8540	0.5667	0.3623	0.9178	-0.0466	0.3235
19.81	5.5376	0.5768	0.6418	0.9508	-0.0558	0.3410
21.84	6.2631	0.5928	0.8547	1.0031	-0.0632	0.3600
23.78	6.9979	0.6202	0.9342	1.0550	-0.0717	0.3800
25.85	7.7900	0.6425	1.0214	1.1030	-0.0792	0.3994
27.78	8.5203	0.6613	1.0962	1.1597	-0.0875	0.4194
29.83	9.3231	0.6871	1.1194	1.2171	-0.0958	0.4398

TEST 1629 RUN 62 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.01	0.3441	0.3450	-1.6745	0.1248	-0.0032	0.0730
-0.98	0.5257	0.3619	-1.6857	0.1729	-0.0034	0.0897
0.03	0.6959	0.3796	-1.7002	0.2191	-0.0040	0.1059
1.06	0.8673	0.3976	-1.6954	0.2729	-0.0044	0.1234
2.07	1.0378	0.4177	-1.6897	0.3178	-0.0046	0.1401
3.00	1.1976	0.4345	-1.6641	0.3604	-0.0050	0.1549
3.96	1.3504	0.4501	-1.6340	0.4008	-0.0049	0.1686
6.05	1.7159	0.4811	-1.5474	0.4814	-0.0050	0.1951
8.04	2.0940	0.5063	-1.4085	0.5447	-0.0065	0.2166
10.04	2.5027	0.5221	-1.1253	0.5974	-0.0108	0.2351
12.00	2.9894	0.5353	-0.7269	0.6400	-0.0178	0.2509
13.96	3.4889	0.5446	-0.2352	0.6676	-0.0227	0.2612
15.99	4.0571	0.5519	0.1743	0.6832	-0.0358	0.2729
17.97	4.6914	0.5686	0.3960	0.7258	-0.0426	0.2892
19.95	5.3339	0.5766	0.5850	0.7709	-0.0465	0.3069
22.00	6.0435	0.6005	0.7453	0.8246	-0.0515	0.3260
23.97	6.7431	0.6271	0.7519	0.8773	-0.0575	0.3458
26.00	7.5040	0.6563	0.7149	0.9415	-0.0670	0.3682
27.94	8.2649	0.6838	0.7078	1.0032	-0.0763	0.3915
30.07	9.1061	0.7128	0.7095	1.0673	-0.0840	0.4162

Table 4. Continued

(h) Concluded

TEST 1629 RUN 65 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	0.2207	0.3003	-1.4045	0.1446	-0.0011	0.0584
-0.96	0.3751	0.3124	-1.3388	0.1835	-0.0009	0.0704
-0.04	0.5079	0.3237	-1.2789	0.2172	-0.0002	0.0812
1.00	0.6557	0.3383	-1.2068	0.2557	0.0009	0.0940
1.99	0.8118	0.3528	-1.1468	0.2901	0.0015	0.1067
2.97	0.9650	0.3691	-1.0847	0.3250	0.0018	0.1198
4.04	1.1349	0.3869	-1.0276	0.3647	0.0014	0.1345
5.97	1.4759	0.4235	-0.9161	0.4413	0.0000	0.1622
8.05	1.8950	0.4551	-0.7481	0.4983	-0.0055	0.1884
10.02	2.3290	0.4669	-0.5015	0.5271	-0.0122	0.2051
11.98	2.7975	0.4810	-0.2571	0.5561	-0.0188	0.2205
13.97	3.3123	0.4979	-0.0722	0.5891	-0.0246	0.2369
16.02	3.8881	0.5169	0.0809	0.6392	-0.0295	0.2559
18.02	4.4758	0.5409	0.2048	0.6933	-0.0350	0.2759
19.97	5.0746	0.5686	0.2447	0.7446	-0.0409	0.2962
21.98	5.7268	0.6052	0.2576	0.8041	-0.0475	0.3194
24.07	6.4496	0.6381	0.2223	0.8794	-0.0549	0.3457
26.01	7.1342	0.6765	0.1451	0.9502	-0.0612	0.3711
28.02	7.8844	0.7169	0.0821	1.0195	-0.0692	0.3971
30.12	8.6834	0.7604	0.0114	1.0997	-0.0773	0.4249

TEST 1629 RUN 66 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.97	0.0993	0.2506	-0.9741	0.0853	-0.0004	0.0443
-1.00	0.2257	0.2562	-0.8926	0.1138	0.0005	0.0530
-0.01	0.3519	0.2655	-0.8077	0.1349	0.0000	0.0617
1.00	0.4813	0.2780	-0.7306	0.1574	0.0003	0.0708
2.05	0.6259	0.2917	-0.6320	0.1811	0.0010	0.0809
3.08	0.7623	0.3056	-0.5339	0.2024	0.0008	0.0903
4.09	0.9101	0.3217	-0.4487	0.2250	0.0017	0.0999
6.04	1.2316	0.3494	-0.2816	0.2617	0.0014	0.1183
8.01	1.6133	0.3706	-0.1393	0.2867	-0.0040	0.1372
9.98	2.0368	0.4040	0.0238	0.3229	-0.0100	0.1599
12.03	2.5008	0.4346	0.1662	0.3720	-0.0169	0.1847
14.05	2.9936	0.4687	0.2698	0.4089	-0.0233	0.2088
16.00	3.4900	0.5030	0.3277	0.4485	-0.0292	0.2320
18.05	4.0530	0.5459	0.3685	0.5058	-0.0353	0.2586
20.01	4.6419	0.5923	0.3845	0.5531	-0.0417	0.2847
22.00	5.2900	0.6396	0.3402	0.6137	-0.0485	0.3141
24.01	5.9828	0.6852	0.2928	0.6827	-0.0554	0.3451
26.02	6.7074	0.7368	0.2546	0.7598	-0.0633	0.3760
27.94	7.4262	0.7878	0.2412	0.8271	-0.0691	0.4052
30.02	8.2249	0.8309	0.0617	0.9150	-0.0781	0.4373

Table 4. Continued

(i) Fin 3 at $\delta = -10^\circ$ TEST 1056 RUN 58 $M = 0.60$ $R/ft = 2.7 \times 10^6$

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.34	-1.5251	0.3591	2.4349	-0.5202	-0.0840	-0.1640
-0.82	-1.4405	0.3492	2.4168	-0.4970	-0.0812	-0.1592
0.01	-1.3187	0.3346	2.4130	-0.4704	-0.0755	-0.1552
1.01	-1.1367	0.3176	2.3465	-0.4232	-0.0661	-0.1456
2.00	-0.9424	0.2989	2.2470	-0.3694	-0.0555	-0.1319
3.01	-0.7629	0.2779	2.1859	-0.3180	-0.0437	-0.1208
4.02	-0.5673	0.2557	2.0989	-0.2643	-0.0272	-0.1106
6.06	-0.0632	0.2183	1.7148	-0.1201	0.0002	-0.0621
8.00	0.3989	0.1733	1.3978	0.0162	0.0152	-0.0065
10.01	0.9380	0.1098	1.0352	0.1746	0.0366	0.0510
12.06	1.5175	0.0293	0.6774	0.3450	0.0604	0.1123
14.41	2.0636	-0.0306	0.5844	0.4740	0.0921	0.1412
16.02	2.4551	-0.0632	0.5317	0.5568	0.1009	0.1608
18.00	2.8998	-0.0946	0.5570	0.6379	0.1036	0.1769
20.01	3.3022	-0.1010	0.7121	0.6852	0.0874	0.1861
22.49	3.6421	-0.0907	1.2595	0.6577	0.0608	0.1808

TEST 1056 RUN 57 $M = 0.90$ $R/ft = 2.0 \times 10^6$

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.34	-1.5310	0.4090	2.4558	-0.5373	-0.0887	-0.1548
-0.99	-1.4764	0.4031	2.4468	-0.5263	-0.0905	-0.1558
0.00	-1.2848	0.3873	2.3501	-0.4719	-0.0895	-0.1474
1.01	-1.2230	0.3648	2.5225	-0.4586	-0.0848	-0.1590
2.01	-0.9859	0.3453	2.3524	-0.3917	-0.0723	-0.1441
3.01	-0.7341	0.3279	2.1474	-0.3166	-0.0570	-0.1251
4.00	-0.4707	0.3033	1.9286	-0.2458	-0.0424	-0.1006
6.01	0.0329	0.2826	1.5622	-0.1011	-0.0084	-0.0507
8.08	0.5161	0.2480	1.2851	0.0198	0.0231	0.0040
10.14	1.0589	0.1726	0.9637	0.1689	0.0574	0.0551
12.05	1.6464	0.0886	0.6001	0.3427	0.0843	0.1183
14.01	2.2791	0.0000	0.2455	0.5387	0.1063	0.1786
16.12	2.7940	-0.0406	0.2674	0.6432	0.1318	0.1884
18.01	3.0147	-0.0028	0.7585	0.6204	0.1059	0.1716
20.02	3.5021	-0.0464	0.7886	0.6949	0.0774	0.1973
22.03	4.1094	-0.1267	0.3866	0.8078	0.0492	0.2373

Table 4. Continued

(i) Continued

TEST 1056 RUN 56 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.38	-1.8235	0.5934	3.3563	-0.6604	0.0036	-0.2395
-0.36	-1.5800	0.5669	3.1482	-0.5976	0.0063	-0.2191
0.01	-1.4892	0.5517	3.0786	-0.5730	0.0083	-0.2115
1.02	-1.2341	0.5311	2.8381	-0.5020	0.0119	-0.1874
2.22	-0.9309	0.4984	2.5777	-0.4035	0.0118	-0.1546
3.00	-0.7315	0.4798	2.4434	-0.3442	0.0110	-0.1318
4.01	-0.4633	0.4672	2.2131	-0.2654	0.0115	-0.1029
5.02	-0.1946	0.4542	1.9867	-0.1884	0.0112	-0.0734
6.00	0.0609	0.4430	1.8068	-0.1152	0.0121	-0.0450
8.19	0.6201	0.4058	1.4597	0.0264	0.0154	0.0129
10.00	1.1244	0.3498	1.1864	0.1618	0.0189	0.0613
12.02	1.7495	0.2633	0.8481	0.3482	0.0155	0.1291
14.03	2.3762	0.1986	0.6437	0.5158	0.0143	0.1866
16.10	3.0128	0.1430	0.6121	0.6623	0.0168	0.2327
18.02	3.6000	0.0877	0.7874	0.7812	0.0198	0.2674
20.01	4.3029	0.0404	1.1257	0.8902	0.0200	0.2993
22.03	5.0465	0.0020	1.6735	0.9820	0.0192	0.3225

TEST 1802 RUN 85 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.66	-1.5890	0.5126	2.5503	-0.5550	0.0071	-0.2114
-1.62	-1.3848	0.4954	2.4790	-0.4903	0.0065	-0.1929
-0.62	-1.1877	0.4782	2.4048	-0.4303	0.0058	-0.1741
0.40	-0.9980	0.4627	2.3297	-0.3727	0.0060	-0.1565
1.39	-0.8044	0.4458	2.2392	-0.3165	0.0060	-0.1376
2.39	-0.6033	0.4294	2.1447	-0.2577	0.0066	-0.1190
3.38	-0.3859	0.4126	2.0335	-0.1878	0.0071	-0.0975
5.42	0.0743	0.3765	1.7754	-0.0621	0.0080	-0.0519
7.38	0.5289	0.3404	1.5329	0.0622	0.0099	-0.0050
9.38	1.0326	0.3012	1.3775	0.1901	0.0126	0.0423
11.36	1.5402	0.2577	1.3012	0.3062	0.0107	0.0864
13.41	2.1243	0.2107	1.3764	0.4033	0.0086	0.1262
15.36	2.7837	0.1711	1.6803	0.4847	0.0063	0.1595
17.42	3.4844	0.1292	2.1983	0.5742	0.0039	0.1908
19.44	4.1451	0.0948	2.6393	0.6474	0.0000	0.2163
21.38	4.8786	0.0679	3.0700	0.6901	-0.0080	0.2363
23.32	5.6532	0.0420	3.4322	0.7415	-0.0154	0.2560
25.37	6.4832	0.0117	3.6609	0.8059	-0.0205	0.2777
27.33	7.3490	-0.0138	3.7782	0.8601	-0.0209	0.2949
29.34	8.2101	-0.0329	3.8219	0.9166	-0.0230	0.3093

Table 4. Continued

(i) Continued

TEST 1802 RUN 88 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.73	-1.3314	0.4518	1.9203	-0.5122	0.0056	-0.1807
-1.78	-1.1675	0.4377	1.9162	-0.4635	0.0058	-0.1656
-0.75	-0.9892	0.4209	1.8981	-0.4182	0.0059	-0.1496
0.21	-0.8232	0.4042	1.8713	-0.3690	0.0060	-0.1334
1.21	-0.6463	0.3873	1.8370	-0.3208	0.0061	-0.1163
2.26	-0.4421	0.3690	1.7791	-0.2576	0.0059	-0.0952
3.24	-0.2553	0.3531	1.7211	-0.2053	0.0057	-0.0764
5.19	0.1266	0.3223	1.6111	-0.1074	0.0057	-0.0417
7.20	0.5444	0.2907	1.5627	-0.0042	0.0081	-0.0075
9.27	1.0190	0.2619	1.6082	0.0901	0.0097	0.0263
11.22	1.5352	0.2344	1.7563	0.1710	0.0078	0.0584
13.24	2.1818	0.2053	2.0614	0.2528	0.0056	0.0934
15.21	2.7703	0.1788	2.4915	0.3224	0.0024	0.1230
17.23	3.4112	0.1563	2.8762	0.3778	-0.0041	0.1478
19.27	4.1331	0.1320	3.0669	0.4465	-0.0062	0.1726
21.27	4.8571	0.1177	3.3383	0.5070	-0.0091	0.1924
23.25	5.5475	0.1087	3.5134	0.5567	-0.0110	0.2081
25.25	6.2916	0.1006	3.6529	0.6037	-0.0119	0.2232
27.25	7.0418	0.0900	3.7860	0.6488	-0.0140	0.2383
29.27	7.8025	0.0777	3.8246	0.7056	-0.0170	0.2553

TEST 1629 RUN 63 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.93	-1.1520	0.4249	1.7444	-0.3263	0.0042	-0.1478
0.04	-0.8110	0.3919	1.7586	-0.2336	0.0040	-0.1149
0.98	-0.6539	0.3760	1.7579	-0.1862	0.0032	-0.0995
2.00	-0.4831	0.3615	1.7527	-0.1392	0.0029	-0.0832
3.07	-0.2979	0.3465	1.7507	-0.0907	0.0029	-0.0670
3.98	-0.1511	0.3361	1.7425	-0.0546	0.0032	-0.0543
6.04	0.2340	0.3087	1.7341	0.0368	0.0039	-0.0236
7.97	0.6253	0.2858	1.7611	0.1114	0.0074	0.0023
10.00	1.0792	0.2619	1.9295	0.1930	0.0081	0.0294
11.98	1.6186	0.2391	2.1953	0.2601	0.0055	0.0550
13.97	2.2130	0.2165	2.4996	0.3310	0.0065	0.0834
16.00	2.8666	0.1907	2.7595	0.4002	0.0039	0.1118
18.01	3.5151	0.1737	2.9862	0.4540	-0.0004	0.1339
20.06	4.1606	0.1626	3.2116	0.4976	-0.0035	0.1527
22.02	4.8177	0.1526	3.4170	0.5494	-0.0065	0.1716
23.99	5.4783	0.1502	3.5025	0.5989	-0.0099	0.1894
26.08	6.2320	0.1418	3.5484	0.6554	-0.0132	0.2088
28.08	7.0059	0.1363	3.6027	0.7218	-0.0161	0.2291
30.03	7.7448	0.1298	3.6331	0.7870	-0.0190	0.2479

Table 4. Continued

(i) Concluded

TEST 1629 RUN 64 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.00	-0.8843	0.3625	1.1380	-0.2856	-0.0010	-0.1115
-1.05	-0.7418	0.3498	1.2034	-0.2474	-0.0009	-0.0991
-0.01	-0.5868	0.3369	1.2779	-0.2136	-0.0007	-0.0866
1.03	-0.4292	0.3235	1.3428	-0.1825	0.0005	-0.0743
2.01	-0.2884	0.3124	1.3957	-0.1513	0.0008	-0.0632
3.02	-0.1347	0.2998	1.4503	-0.1184	0.0007	-0.0517
4.05	0.0273	0.2894	1.4984	-0.0902	0.0012	-0.0402
6.03	0.3647	0.2677	1.5932	-0.0298	0.0024	-0.0188
8.05	0.7650	0.2496	1.7121	0.0386	0.0058	0.0037
10.07	1.2360	0.2341	1.9313	0.0887	0.0056	0.0224
12.03	1.7177	0.2175	2.1693	0.1408	0.0052	0.0387
14.04	2.2185	0.2074	2.4084	0.1865	0.0045	0.0536
16.07	2.7536	0.2031	2.6500	0.2409	0.0019	0.0697
18.00	3.2776	0.2001	2.8689	0.2990	0.0011	0.0862
19.97	3.8361	0.1991	3.0415	0.3536	-0.0008	0.1036
22.02	4.4499	0.1969	3.1472	0.4085	-0.0027	0.1230
23.99	5.0726	0.1940	3.2379	0.4659	-0.0047	0.1442
26.12	5.7698	0.1850	3.2972	0.5277	-0.0074	0.1692
28.05	6.4296	0.1902	3.3784	0.5849	-0.0106	0.1922
29.98	7.1068	0.1934	3.4259	0.6463	-0.0142	0.2153

TEST 1629 RUN 67 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.96	-0.7209	0.2987	0.7401	-0.1926	0.0003	-0.0812
-1.04	-0.6016	0.2879	0.8460	-0.1740	0.0004	-0.0727
-0.05	-0.4752	0.2754	0.9265	-0.1533	0.0000	-0.0637
1.01	-0.3452	0.2660	1.0159	-0.1329	-0.0001	-0.0545
2.06	-0.2080	0.2595	1.1181	-0.1092	0.0002	-0.0451
3.07	-0.0713	0.2513	1.2079	-0.0910	0.0008	-0.0368
4.04	0.0728	0.2459	1.2897	-0.0701	0.0007	-0.0286
5.97	0.3747	0.2333	1.4262	-0.0298	0.0037	-0.0133
8.01	0.7499	0.2257	1.6105	0.0083	0.0048	0.0004
9.97	1.1200	0.2223	1.8721	0.0374	0.0048	0.0112
12.05	1.5305	0.2224	2.1629	0.0718	0.0041	0.0223
14.00	1.9283	0.2262	2.4251	0.1056	0.0035	0.0328
15.98	2.3552	0.2283	2.6648	0.1465	0.0029	0.0445
18.00	2.8395	0.2334	2.8977	0.1924	0.0021	0.0579
19.99	3.3484	0.2331	3.1043	0.2460	0.0016	0.0726
21.96	3.8999	0.2404	3.2867	0.3070	0.0006	0.0894
24.00	4.5023	0.2488	3.4809	0.3744	-0.0015	0.1089
26.02	5.1247	0.2612	3.6590	0.4442	-0.0029	0.1300
27.99	5.7917	0.2718	3.8501	0.5176	-0.0056	0.1533
30.03	6.5250	0.2772	4.0124	0.6115	-0.0082	0.1822

Table 4. Continued

(j) Fin 4 at $\delta = 0^\circ$ TEST 1056 RUN 99 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.28	-0.1420	0.1602	-0.0724	-0.0484	-0.0171	-0.0226
-0.97	-0.1074	0.1570	-0.0525	-0.0374	-0.0129	-0.0169
0.00	-0.0099	0.1526	0.0289	0.0000	0.0000	0.0000
1.02	0.0899	0.1485	0.1128	0.0395	0.0125	0.0173
2.22	0.2197	0.1515	0.1898	0.0873	0.0285	0.0399
3.00	0.3104	0.1458	0.2310	0.1290	0.0394	0.0568
4.01	0.4354	0.1449	0.2652	0.1819	0.0539	0.0799
6.01	0.7237	0.1449	0.2773	0.3059	0.0823	0.1357
8.08	1.0577	0.1350	0.2271	0.4339	0.1092	0.1962
10.02	1.3965	0.1311	0.1862	0.5588	0.1285	0.2450
12.03	1.7658	0.1224	0.1565	0.6803	0.1449	0.2941
14.51	2.2544	0.1014	0.1369	0.8226	0.1633	0.3518
16.03	2.4515	0.1101	0.2578	0.7950	0.1340	0.3150
18.07	2.8159	0.1062	0.3763	0.7930	0.1068	0.3157
20.04	3.1053	0.0941	0.7598	0.7420	0.0878	0.2934
22.08	3.4497	0.0673	0.9607	0.7904	0.0906	0.3136

TEST 1056 RUN 98 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.28	-0.1474	0.1608	-0.0648	-0.0463	-0.0222	-0.0219
-1.00	-0.1156	0.1584	-0.0450	-0.0356	-0.0173	-0.0169
0.01	-0.0068	0.1560	0.0320	0.0000	0.0000	0.0000
1.80	0.1765	0.1529	0.1869	0.0722	0.0291	0.0297
2.05	0.2041	0.1552	0.2035	0.0849	0.0331	0.0349
3.00	0.3214	0.1562	0.2504	0.1335	0.0491	0.0553
4.00	0.4494	0.1514	0.2852	0.1841	0.0655	0.0778
6.54	0.8569	0.1652	0.2331	0.3627	0.1061	0.1608
8.08	1.1245	0.1586	0.1829	0.4595	0.1241	0.2035
10.02	1.4481	0.1598	0.1991	0.5604	0.1399	0.2412
12.12	1.7744	0.1662	0.3018	0.6333	0.1406	0.2564
14.03	2.0865	0.1653	0.4300	0.6660	0.1244	0.2628
16.00	2.4015	0.1468	0.6556	0.6606	0.0958	0.2596
18.02	2.7844	0.1252	0.8615	0.7205	0.0905	0.2840
20.05	3.2085	0.0958	0.9659	0.7941	0.0889	0.3196
22.04	3.5832	0.0636	0.8738	0.8936	0.0880	0.3601

Table 4. Continued

(j) Continued

TEST 1056 RUN 97 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.27	-0.1695	0.2976	0.0184	-0.0669	-0.0113	-0.0326
-0.96	-0.1249	0.2916	0.0179	-0.0550	-0.0081	-0.0254
0.00	0.0084	0.2876	0.0213	0.0000	0.0000	0.0000
1.35	0.1947	0.2888	0.0340	0.0793	0.0102	0.0351
2.01	0.2784	0.2903	0.0613	0.1128	0.0168	0.0513
3.02	0.4114	0.2870	0.1348	0.1708	0.0275	0.0771
4.00	0.5542	0.2956	0.1657	0.2321	0.0384	0.1040
6.01	0.8629	0.3193	0.2061	0.3541	0.0581	0.1595
8.03	1.2209	0.3350	0.1905	0.4906	0.0709	0.2233
10.03	1.6034	0.3379	0.1979	0.6126	0.0792	0.2805
12.05	1.9992	0.3280	0.2892	0.7240	0.0852	0.3315
14.03	2.4004	0.3228	0.4894	0.8261	0.0907	0.3744
16.05	2.8310	0.3140	0.7798	0.8883	0.0960	0.4045
19.04	3.5791	0.2979	1.3512	1.0172	0.0995	0.4353
20.02	3.8425	0.2761	1.6543	1.0407	0.0984	0.4438
22.01	4.5029	0.2432	2.7898	1.0886	0.0956	0.4653

TEST 1802 RUN 19 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.81	-0.2204	0.2667	-0.1829	-0.0634	-0.0131	-0.0346
-0.77	-0.0902	0.2655	-0.0996	-0.0087	-0.0068	-0.0106
0.23	0.0227	0.2653	-0.0028	0.0363	-0.0004	0.0080
1.25	0.1473	0.2655	0.0754	0.0803	0.0052	0.0293
2.21	0.2644	0.2654	0.1329	0.1218	0.0106	0.0494
3.24	0.4099	0.2665	0.1989	0.1685	0.0177	0.0722
4.25	0.5381	0.2686	0.2484	0.2155	0.0233	0.0939
6.19	0.8321	0.2728	0.3250	0.3092	0.0326	0.1389
8.25	1.1848	0.2751	0.4039	0.4085	0.0390	0.1863
10.22	1.5465	0.2713	0.5896	0.4939	0.0433	0.2268
12.25	1.9354	0.2629	0.9171	0.5744	0.0473	0.2626
14.23	2.3805	0.2551	1.4106	0.6343	0.0504	0.2905
16.23	2.9542	0.2441	2.1447	0.6963	0.0505	0.3156
18.23	3.5257	0.2343	2.8541	0.7664	0.0495	0.3363
20.28	4.1398	0.2284	3.4756	0.8117	0.0442	0.3537
22.30	4.8310	0.2214	4.1461	0.8416	0.0380	0.3683
24.31	5.5575	0.2152	4.7593	0.8857	0.0338	0.3855
26.28	6.2642	0.2117	5.0990	0.9465	0.0344	0.4091
28.19	7.0387	0.2112	5.4461	0.9962	0.0357	0.4291
30.30	7.8745	0.2107	5.6042	1.0511	0.0352	0.4528

Table 4. Continued

(j) Continued

TEST 1802 RUN 20 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-3.04	-0.3512	0.2470	-0.3573	-0.1143	-0.0163	-0.0526
-1.99	-0.2286	0.2453	-0.2544	-0.0663	-0.0113	-0.0322
-0.98	-0.1112	0.2446	-0.1430	-0.0239	-0.0060	-0.0134
0.00	-0.0088	0.2434	-0.0261	0.0112	-0.0006	0.0013
0.98	0.1008	0.2435	0.0955	0.0491	0.0053	0.0178
1.99	0.2198	0.2451	0.2039	0.0918	0.0101	0.0370
2.97	0.3385	0.2462	0.2968	0.1306	0.0144	0.0551
5.00	0.6037	0.2516	0.4792	0.2048	0.0221	0.0907
7.04	0.9192	0.2551	0.6546	0.2850	0.0282	0.1268
9.01	1.2652	0.2552	0.9042	0.3575	0.0316	0.1609
10.94	1.6559	0.2501	1.2804	0.4112	0.0333	0.1898
12.98	2.1661	0.2439	1.8193	0.4734	0.0343	0.2165
14.94	2.6556	0.2405	2.4678	0.5241	0.0339	0.2352
17.01	3.2223	0.2392	3.0676	0.5404	0.0272	0.2471
19.03	3.8262	0.2382	3.4909	0.5911	0.0265	0.2679
21.01	4.4734	0.2393	3.8644	0.6531	0.0278	0.2905
23.01	5.1337	0.2444	4.1819	0.7164	0.0291	0.3122
24.99	5.8219	0.2507	4.4152	0.7744	0.0297	0.3348
26.98	6.5157	0.2555	4.6555	0.8285	0.0298	0.3568
29.01	7.2460	0.2621	4.8202	0.8706	0.0306	0.3783

TEST 1629 RUN 20 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.00	-0.2640	0.2364	-0.2653	-0.0595	-0.0096	-0.0300
-1.00	-0.1514	0.2359	-0.1433	-0.0271	-0.0044	-0.0135
-0.02	-0.0518	0.2361	-0.0279	0.0034	0.0003	0.0007
1.01	0.0600	0.2375	0.1241	0.0425	0.0067	0.0172
2.03	0.1716	0.2406	0.2648	0.0816	0.0119	0.0340
2.98	0.2780	0.2434	0.3841	0.1183	0.0157	0.0500
4.01	0.3993	0.2452	0.5087	0.1629	0.0203	0.0678
6.04	0.6773	0.2523	0.7509	0.2449	0.0283	0.1022
8.02	0.9862	0.2509	0.9973	0.3231	0.0332	0.1347
10.04	1.3557	0.2536	1.3476	0.3768	0.0348	0.1614
12.03	1.8245	0.2525	1.7965	0.4189	0.0338	0.1834
13.98	2.3046	0.2533	2.2888	0.4656	0.0342	0.2046
16.04	2.8501	0.2528	2.7850	0.5051	0.0292	0.2242
18.03	3.4341	0.2547	3.1514	0.5575	0.0287	0.2461
19.99	4.0061	0.2566	3.4629	0.6173	0.0292	0.2677
22.02	4.6371	0.2629	3.7785	0.6702	0.0304	0.2888
24.05	5.2801	0.2734	3.9361	0.7310	0.0309	0.3121
25.99	5.9369	0.2808	4.1022	0.7805	0.0317	0.3334
28.05	6.6664	0.2897	4.2783	0.8269	0.0322	0.3566
30.00	7.3675	0.2989	4.4075	0.8839	0.0323	0.3817

Table 4. Continued

(j) Concluded

TEST 1629 RUN 23 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.94	-0.2400	0.2133	-0.3423	-0.0673	-0.0071	-0.0320
-1.07	-0.1462	0.2137	-0.2017	-0.0401	-0.0036	-0.0193
-0.06	-0.0432	0.2144	-0.0316	-0.0060	0.0003	-0.0051
0.97	0.0653	0.2143	0.1417	0.0304	0.0051	0.0094
2.07	0.1793	0.2150	0.3147	0.0702	0.0098	0.0260
2.98	0.2749	0.2166	0.4493	0.0974	0.0138	0.0387
4.07	0.4093	0.2181	0.6096	0.1373	0.0181	0.0554
6.06	0.6737	0.2268	0.9010	0.2004	0.0246	0.0824
7.97	0.9790	0.2301	1.1798	0.2498	0.0283	0.1044
9.97	1.3765	0.2336	1.5247	0.2852	0.0282	0.1237
12.00	1.8261	0.2334	1.8657	0.3203	0.0290	0.1426
14.00	2.2881	0.2347	2.1828	0.3543	0.0290	0.1598
15.98	2.7663	0.2386	2.4932	0.3923	0.0300	0.1775
18.01	3.2891	0.2461	2.8051	0.4358	0.0309	0.1973
20.00	3.8184	0.2545	3.0370	0.4778	0.0318	0.2174
21.97	4.3734	0.2656	3.2267	0.5296	0.0322	0.2408
24.04	4.9729	0.2789	3.4082	0.5786	0.0325	0.2657
26.04	5.5964	0.2875	3.5617	0.6424	0.0327	0.2945
27.96	6.2046	0.3070	3.7107	0.6974	0.0333	0.3200
30.01	6.8818	0.3250	3.8354	0.7546	0.0343	0.3472

TEST 1629 RUN 24 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.00	-0.2225	0.1764	-0.2433	-0.0444	-0.0067	-0.0214
-0.97	-0.1191	0.1752	-0.0686	-0.0237	-0.0042	-0.0108
0.05	-0.0244	0.1753	0.0887	0.0001	-0.0010	0.0004
0.99	0.0657	0.1777	0.2420	0.0262	0.0027	0.0114
1.99	0.1634	0.1807	0.3993	0.0527	0.0062	0.0229
2.98	0.2646	0.1832	0.5528	0.0704	0.0087	0.0329
4.04	0.3811	0.1880	0.7194	0.1022	0.0124	0.0447
5.98	0.6319	0.1945	1.0140	0.1425	0.0176	0.0644
8.04	0.9662	0.2019	1.3125	0.1757	0.0202	0.0819
10.02	1.3223	0.2080	1.6410	0.2103	0.0218	0.0979
12.01	1.6804	0.2156	1.9615	0.2443	0.0228	0.1132
14.04	2.0682	0.2263	2.2697	0.2680	0.0242	0.1281
16.03	2.4926	0.2390	2.5443	0.3068	0.0256	0.1467
18.02	2.9471	0.2548	2.7972	0.3497	0.0269	0.1673
20.00	3.4278	0.2689	3.0473	0.3967	0.0283	0.1899
22.04	3.9675	0.2847	3.2798	0.4404	0.0295	0.2151
24.03	4.5276	0.3040	3.5057	0.4923	0.0310	0.2410
26.00	5.1117	0.3267	3.7478	0.5386	0.0327	0.2663
27.98	5.7363	0.3527	4.0013	0.5933	0.0337	0.2928
30.05	6.4086	0.3750	4.2427	0.6542	0.0351	0.3209

Table 4. Continued

(k) Fin 4 at $\delta = 10^\circ$ TEST 1056 RUN 96 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.17	0.3187	0.1891	-0.8497	0.2587	0.0652	0.1308
-0.99	0.3401	0.1896	-0.8483	0.2667	0.0676	0.1352
0.00	0.4775	0.1973	-0.8280	0.3322	0.0801	0.1664
1.06	0.6225	0.2076	-0.8137	0.4050	0.0935	0.1996
2.00	0.7528	0.2142	-0.8069	0.4738	0.1049	0.2282
3.00	0.9004	0.2242	-0.8094	0.5395	0.1159	0.2565
4.00	1.0452	0.2318	-0.8149	0.6130	0.1260	0.2842
6.01	1.3577	0.2554	-0.8528	0.7506	0.1442	0.3384
8.02	1.6917	0.2751	-0.9352	0.8679	0.1596	0.3850
10.00	1.8998	0.2873	-0.8195	0.8720	0.1471	0.3639
12.55	2.0157	0.2771	-0.2653	0.7118	0.0859	0.2884
14.07	2.2442	0.2749	-0.1660	0.7321	0.0869	0.2963
16.40	2.6469	0.2576	-0.0376	0.7764	0.0883	0.3131
18.01	2.9470	0.2480	0.0803	0.8143	0.0887	0.3287
20.00	3.3466	0.2378	0.2452	0.8791	0.0893	0.3546
22.00	3.7497	0.2195	0.2553	0.9406	0.0891	0.3822

TEST 1056 RUN 95 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.17	0.3232	0.2018	-0.8599	0.2782	0.0770	0.1261
-0.95	0.3575	0.2034	-0.8603	0.2925	0.0801	0.1337
0.01	0.4977	0.2106	-0.8571	0.3627	0.0930	0.1678
1.00	0.6408	0.2185	-0.8578	0.4311	0.1051	0.1991
2.01	0.7751	0.2273	-0.8350	0.4955	0.1148	0.2245
3.39	0.9551	0.2429	-0.7983	0.5770	0.1248	0.2525
4.09	1.0352	0.2541	-0.7579	0.5989	0.1258	0.2555
6.00	1.2826	0.2880	-0.7168	0.7168	0.1311	0.2911
8.18	1.5403	0.3060	-0.6389	0.7368	0.1104	0.2921
10.02	1.7611	0.3040	-0.5232	0.7511	0.0967	0.2937
12.01	2.0389	0.3025	-0.3596	0.7707	0.0908	0.3032
14.06	2.3657	0.2958	-0.1777	0.8189	0.0895	0.3245
16.03	2.7387	0.2867	-0.0237	0.8816	0.0874	0.3504
18.12	3.1605	0.2718	0.1127	0.9628	0.0843	0.3853
20.01	3.5644	0.2607	0.0947	1.0469	0.0818	0.4206
22.03	3.9586	0.2374	0.0969	1.1248	0.0794	0.4537

Table 4. Continued

(k) Continued

TEST 1056 RUN 94 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.09	0.3992	0.3674	-0.9707	0.3124	0.0442	0.1392
-0.98	0.4174	0.3636	-0.9697	0.3215	0.0454	0.1430
0.03	0.5661	0.3698	-0.9858	0.3896	0.0527	0.1770
1.01	0.7101	0.3730	-1.0215	0.4717	0.0590	0.2133
2.34	0.9042	0.3813	-1.0003	0.5717	0.0664	0.2581
3.04	1.0021	0.3875	-0.9622	0.6218	0.0697	0.2810
4.02	1.1558	0.3998	-0.9650	0.6896	0.0745	0.3118
6.01	1.4633	0.4354	-0.9484	0.8211	0.0836	0.3668
8.01	1.7884	0.4654	-0.9314	0.9308	0.0895	0.4125
10.01	2.1506	0.4842	-0.9368	1.0100	0.0936	0.4463
12.00	2.5082	0.4858	-0.8196	1.0772	0.0992	0.4624
14.01	2.8853	0.4894	-0.5864	1.1625	0.0970	0.4886
16.00	3.3099	0.4888	-0.3277	1.2471	0.0870	0.5048
18.12	3.7820	0.4881	0.1634	1.2996	0.0805	0.5296
20.09	4.2919	0.4728	0.7304	1.3372	0.0748	0.5488
22.04	4.9233	0.4442	1.8482	1.3641	0.0703	0.5651

TEST 1802 RUN 15 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.32	0.1793	0.3076	-1.2145	0.2139	0.0168	0.0988
-1.25	0.3191	0.3147	-1.1390	0.2688	0.0219	0.1252
-0.28	0.4417	0.3214	-1.0787	0.3183	0.0255	0.1486
0.74	0.5738	0.3294	-1.0162	0.3745	0.0292	0.1752
1.76	0.7027	0.3377	-0.9529	0.4345	0.0324	0.2011
2.67	0.8289	0.3445	-0.8874	0.4815	0.0355	0.2234
3.71	0.9720	0.3539	-0.8216	0.5430	0.0391	0.2491
5.69	1.2401	0.3722	-0.7091	0.6450	0.0450	0.2903
7.74	1.5643	0.3926	-0.5912	0.7416	0.0488	0.3285
9.70	1.8939	0.4096	-0.4018	0.8203	0.0523	0.3583
11.73	2.2520	0.4153	-0.0299	0.8934	0.0555	0.3861
13.69	2.6438	0.4168	0.4342	0.9434	0.0557	0.4093
15.70	3.1888	0.4107	1.1984	0.9661	0.0550	0.4240
17.77	3.7201	0.4048	2.0501	1.0169	0.0494	0.4414
19.67	4.2169	0.4005	2.7511	1.0472	0.0406	0.4567
21.68	4.9115	0.3911	3.3411	1.0499	0.0249	0.4692
23.75	5.6487	0.3909	3.9448	1.0859	0.0169	0.4887
25.70	6.3415	0.3926	4.4075	1.1221	0.0122	0.5078
27.72	7.1185	0.3995	4.7285	1.1673	0.0100	0.5280
29.72	7.9235	0.4045	4.9873	1.2021	0.0079	0.5444

Table 4. Continued

(k) Continued

TEST 1802 RUN 16 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.99	0.0572	0.2732	-1.2346	0.1585	0.0132	0.0714
-2.00	0.1772	0.2794	-1.1309	0.1981	0.0166	0.0907
-1.03	0.2873	0.2861	-1.0358	0.2403	0.0195	0.1096
-0.04	0.4020	0.2923	-0.9379	0.2832	0.0221	0.1296
1.02	0.5258	0.2994	-0.8314	0.3282	0.0246	0.1505
1.99	0.6401	0.3067	-0.7314	0.3722	0.0268	0.1700
3.02	0.7733	0.3140	-0.6202	0.4189	0.0291	0.1910
5.01	1.0287	0.3299	-0.4106	0.4932	0.0334	0.2255
6.96	1.3197	0.3477	-0.1936	0.5656	0.0361	0.2577
9.03	1.6602	0.3611	0.1027	0.6306	0.0378	0.2859
10.97	2.0337	0.3656	0.5287	0.6825	0.0379	0.3086
12.99	2.5330	0.3677	1.1527	0.7308	0.0374	0.3285
15.04	3.0217	0.3675	1.9150	0.7865	0.0360	0.3463
17.00	3.5402	0.3655	2.5086	0.7731	0.0228	0.3525
19.03	4.1505	0.3691	2.9862	0.8080	0.0173	0.3716
21.00	4.7725	0.3784	3.3443	0.8588	0.0161	0.3929
23.05	5.4436	0.3896	3.6706	0.9133	0.0162	0.4153
25.02	6.1329	0.4081	3.8979	0.9736	0.0154	0.4396
27.02	6.8390	0.4216	4.1424	1.0225	0.0145	0.4625
29.02	7.5380	0.4345	4.2896	1.0682	0.0119	0.4877

TEST 1629 RUN 14 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.00	0.0871	0.2629	-1.0660	0.1892	0.0153	0.0866
-0.98	0.2019	0.2695	-0.9511	0.2250	0.0194	0.1038
0.03	0.3118	0.2771	-0.8304	0.2593	0.0226	0.1210
1.01	0.4216	0.2856	-0.7067	0.2955	0.0246	0.1387
2.05	0.5377	0.2926	-0.5729	0.3378	0.0272	0.1585
3.00	0.6474	0.3007	-0.4520	0.3717	0.0290	0.1752
4.03	0.7752	0.3088	-0.3098	0.4130	0.0321	0.1935
6.05	1.0373	0.3289	-0.0413	0.4788	0.0351	0.2249
7.99	1.3258	0.3442	0.2305	0.5553	0.0374	0.2555
9.97	1.6834	0.3522	0.6093	0.6200	0.0355	0.2800
12.00	2.1310	0.3554	1.1217	0.6592	0.0303	0.3008
13.99	2.6091	0.3627	1.6599	0.7032	0.0307	0.3164
15.99	3.1317	0.3668	2.1733	0.7186	0.0223	0.3296
18.05	3.7141	0.3736	2.5786	0.7571	0.0194	0.3494
19.97	4.2788	0.3817	2.8931	0.8095	0.0182	0.3703
22.01	4.9176	0.3918	3.1864	0.8591	0.0181	0.3921
24.00	5.5553	0.4109	3.3443	0.9153	0.0181	0.4153
26.01	6.2378	0.4289	3.5029	0.9727	0.0165	0.4428
28.01	6.9418	0.4460	3.6688	1.0331	0.014	0.4721
30.00	7.6670	0.4638	3.8049	1.0948	0.0114	0.5023

Table 4. Continued

(k) Concluded

TEST 1629 RUN 17 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.97	0.0341	0.2336	-0.9847	0.1574	0.0136	0.0648
-0.99	0.1400	0.2408	-0.8378	0.1833	0.0162	0.0785
0.04	0.2548	0.2475	-0.6740	0.2229	0.0192	0.0953
1.00	0.3544	0.2567	-0.5205	0.2559	0.0221	0.1106
2.03	0.4654	0.2616	-0.3636	0.2982	0.0249	0.1283
3.01	0.5787	0.2675	-0.2099	0.3284	0.0271	0.1430
4.07	0.6983	0.2760	-0.0492	0.3662	0.0295	0.1597
6.05	0.9680	0.2949	0.2620	0.4100	0.0327	0.1851
8.01	1.2677	0.3072	0.5796	0.4691	0.0335	0.2074
10.00	1.6561	0.3125	0.9442	0.4912	0.0289	0.2226
12.04	2.0963	0.3188	1.3109	0.5268	0.0254	0.2405
14.04	2.5650	0.3261	1.6161	0.5576	0.0228	0.2594
16.04	3.0557	0.3347	1.8952	0.5997	0.0226	0.2802
17.97	3.5578	0.3470	2.1636	0.6512	0.0233	0.3026
19.98	4.1076	0.3631	2.3480	0.6992	0.0233	0.3291
22.03	4.7022	0.3824	2.5297	0.7538	0.0222	0.3558
24.02	5.2921	0.3995	2.6582	0.8125	0.0213	0.3840
25.99	5.9171	0.4287	2.7807	0.8732	0.0195	0.4153
28.01	6.5790	0.4571	2.8875	0.9420	0.0184	0.4480
30.05	7.2629	0.4873	3.0170	0.9979	0.0170	0.4779

TEST 1629 RUN 18 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.97	-0.0619	0.1992	-0.7502	0.0690	0.0102	0.0512
-1.01	0.0334	0.2038	-0.6143	0.1065	0.0131	0.0641
0.00	0.1321	0.2097	-0.4655	0.1337	0.0160	0.0767
1.03	0.2379	0.2187	-0.3121	0.1611	0.0186	0.0896
1.99	0.3396	0.2254	-0.1588	0.1937	0.0219	0.1025
3.06	0.4482	0.2350	0.0117	0.2293	0.0236	0.1165
4.06	0.5645	0.2439	0.1608	0.2562	0.0256	0.1288
6.01	0.8154	0.2600	0.4640	0.2958	0.0284	0.1480
8.00	1.1304	0.2715	0.7586	0.3313	0.0274	0.1659
10.05	1.5021	0.2839	1.0832	0.3695	0.0259	0.1840
12.00	1.8643	0.2982	1.3698	0.4057	0.0253	0.2027
14.03	2.2792	0.3146	1.6527	0.4330	0.0248	0.2229
15.98	2.6968	0.3325	1.8760	0.4812	0.0242	0.2477
17.97	3.1747	0.3539	2.0823	0.5286	0.0237	0.2748
20.01	3.6970	0.3788	2.2722	0.5924	0.0232	0.3072
22.01	4.2462	0.4044	2.4330	0.6550	0.0230	0.3413
23.97	4.8325	0.4349	2.5891	0.7291	0.0217	0.3776
25.99	5.4572	0.4722	2.7662	0.7940	0.0222	0.4116
27.99	6.1063	0.5079	2.9658	0.8674	0.0225	0.4466
29.98	6.7829	0.5404	3.1363	0.9340	0.0223	0.4791

Table 4. Continued

(I) Fin 4 at $\delta = -10^\circ$ TEST 1056 RUN 102 $M = 0.60$ $R/ft = 2.7 \times 10^6$

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.27	-0.6969	0.2105	0.8882	-0.4382	-0.1016	-0.2015
-0.99	-0.6562	0.2076	0.8915	-0.4188	-0.0983	-0.1927
0.03	-0.5167	0.1994	0.9026	-0.3536	-0.0853	-0.1613
1.05	-0.3758	0.1907	0.9183	-0.2789	-0.0716	-0.1280
2.02	-0.2479	0.1868	0.9401	-0.2223	-0.0589	-0.0989
3.03	-0.1148	0.1796	0.9704	-0.1621	-0.0448	-0.0706
4.02	0.0057	0.1711	1.0070	-0.1126	-0.0316	-0.0483
6.04	0.2453	0.1582	1.1142	-0.0207	-0.0065	-0.0080
8.02	0.4888	0.1420	1.2234	0.0528	0.0178	0.0246
10.02	0.7650	0.1200	1.3445	0.1452	0.0443	0.0623
12.09	1.0871	0.0915	1.4633	0.2410	0.0731	0.1043
14.10	1.4418	0.0587	1.5695	0.3610	0.0993	0.1595
16.06	1.8108	0.0170	1.6836	0.4648	0.1219	0.2082
18.02	2.1982	-0.0216	1.8071	0.5796	0.1396	0.2528
20.06	2.6327	-0.0634	1.9362	0.6928	0.1564	0.3000
22.07	3.0594	-0.1112	1.8406	0.8013	0.1677	0.3451

TEST 1056 RUN 101 $M = 0.90$ $R/ft = 2.0 \times 10^6$

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.27	-0.7287	0.2323	0.9045	-0.4612	-0.1117	-0.2121
-0.95	-0.6878	0.2275	0.9108	-0.4368	-0.1082	-0.2024
0.02	-0.5502	0.2185	0.9202	-0.3672	-0.0975	-0.1724
1.05	-0.3986	0.2113	0.9250	-0.2849	-0.0830	-0.1364
2.02	-0.2585	0.2010	0.9341	-0.2192	-0.0685	-0.1036
3.03	-0.1223	0.1950	0.9517	-0.1585	-0.0526	-0.0748
4.03	0.0072	0.1845	0.9898	-0.1057	-0.0375	-0.0516
6.06	0.2590	0.1810	1.1048	-0.0181	-0.0066	-0.0122
8.02	0.5210	0.1652	1.2027	0.0707	0.0231	0.0228
10.03	0.8152	0.1491	1.3284	0.1517	0.0556	0.0581
12.03	1.1499	0.1186	1.4605	0.2431	0.0878	0.0994
14.03	1.5476	0.0750	1.5383	0.3792	0.1149	0.1632
16.03	1.9498	0.0462	1.6525	0.4922	0.1363	0.2115
18.21	2.3851	0.0081	1.7878	0.5924	0.1472	0.2407
20.07	2.7065	-0.0050	1.9253	0.6215	0.1373	0.2405
22.04	3.0188	-0.0433	2.0688	0.6539	0.1183	0.2503

Table 4. Continued

(I) Continued

TEST 1056 RUN 100 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.24	-0.7656	0.3922	1.0405	-0.5191	-0.0603	-0.2406
-0.94	-0.7183	0.3829	1.0293	-0.4794	-0.0588	-0.2271
0.05	-0.5678	0.3696	1.0005	-0.3948	-0.0523	-0.1904
1.06	-0.4168	0.3566	0.9915	-0.3217	-0.0450	-0.1565
2.04	-0.2774	0.3467	1.0087	-0.2506	-0.0364	-0.1265
3.05	-0.1446	0.3334	1.0755	-0.1822	-0.0272	-0.0977
4.05	-0.0121	0.3303	1.1391	-0.1216	-0.0178	-0.0711
6.04	0.2668	0.3358	1.2513	-0.0225	-0.0009	-0.0241
8.02	0.5723	0.3296	1.3475	0.0880	0.0143	0.0241
10.04	0.9198	0.3101	1.4605	0.1914	0.0321	0.0709
12.11	1.3038	0.2854	1.6354	0.2932	0.0482	0.1187
14.04	1.6924	0.2610	1.8669	0.3984	0.0612	0.1661
16.06	2.1438	0.2366	2.1381	0.5241	0.0722	0.2219
18.05	2.6334	0.2043	2.4844	0.6434	0.0802	0.2753
20.05	3.1998	0.1644	3.0377	0.7497	0.0866	0.3197
22.03	3.8569	0.1238	4.0544	0.8119	0.0894	0.3483

TEST 1802 RUN 14 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.87	-0.8257	0.3474	0.8294	-0.4609	-0.0358	-0.2186
-1.88	-0.6908	0.3391	0.8980	-0.4078	-0.0326	-0.1941
-0.86	-0.5605	0.3295	0.9580	-0.3541	-0.0294	-0.1689
0.15	-0.4235	0.3218	1.0208	-0.2957	-0.0257	-0.1415
1.15	-0.3062	0.3156	1.0786	-0.2497	-0.0219	-0.1189
2.14	-0.1817	0.3082	1.1464	-0.2050	-0.0173	-0.0964
3.14	-0.0505	0.3019	1.2121	-0.1576	-0.0120	-0.0742
5.12	0.2184	0.2899	1.3401	-0.0619	-0.0014	-0.0308
7.14	0.5219	0.2752	1.4755	0.0185	0.0101	0.0075
9.11	0.8339	0.2613	1.6463	0.1026	0.0207	0.0451
11.16	1.2091	0.2409	1.9133	0.1924	0.0316	0.0844
13.10	1.6171	0.2215	2.2954	0.2717	0.0390	0.1217
15.12	2.1588	0.1980	2.8564	0.3486	0.0448	0.1584
17.14	2.7293	0.1789	3.6309	0.4196	0.0471	0.1915
19.13	3.2827	0.1591	4.2798	0.4848	0.0493	0.2205
21.16	3.9244	0.1495	4.8757	0.5004	0.0475	0.2342
23.17	4.6646	0.1364	5.5228	0.5332	0.0449	0.2499
25.10	5.3763	0.1220	5.8703	0.5924	0.0456	0.2729
27.07	6.1482	0.1074	6.1325	0.6591	0.0479	0.2982
29.10	6.9791	0.0958	6.2768	0.7226	0.0483	0.3230

Table 4. Continued

(I) Continued

TEST 1802 RUN 17 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-3.57	-0.8176	0.3112	0.4475	-0.4137	-0.0299	-0.1899
-2.57	-0.6946	0.3029	0.5500	-0.3679	-0.0278	-0.1699
-1.59	-0.5769	0.2949	0.6479	-0.3237	-0.0256	-0.1501
-0.61	-0.4644	0.2883	0.7405	-0.2794	-0.0234	-0.1302
0.37	-0.3450	0.2816	0.8439	-0.2397	-0.0208	-0.1106
1.43	-0.2235	0.2750	0.9500	-0.1947	-0.0175	-0.0899
2.41	-0.1047	0.2686	1.0481	-0.1525	-0.0143	-0.0710
4.45	0.1562	0.2562	1.2465	-0.0644	-0.0060	-0.0325
6.39	0.4260	0.2456	1.4322	-0.0007	0.0037	-0.0016
8.44	0.7626	0.2343	1.7003	0.0716	0.0146	0.0307
10.42	1.1288	0.2203	2.0459	0.1371	0.0213	0.0606
12.39	1.6187	0.2078	2.5474	0.1961	0.0262	0.0880
14.45	2.1433	0.1951	3.1964	0.2571	0.0307	0.1162
16.39	2.6721	0.1885	3.7801	0.2824	0.0301	0.1348
18.43	3.2863	0.1768	4.2263	0.3203	0.0316	0.1560
20.45	3.9415	0.1680	4.5895	0.3815	0.0345	0.1828
22.43	4.5972	0.1638	4.9194	0.4365	0.0355	0.2052
24.36	5.2404	0.1673	5.1705	0.4804	0.0369	0.2246
26.46	5.9602	0.1652	5.4228	0.5312	0.0384	0.2454
28.40	6.6366	0.1623	5.6248	0.5761	0.0397	0.2643

TEST 1629 RUN 15 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	-0.6275	0.2947	0.5501	-0.3465	-0.0288	-0.1533
-1.00	-0.5097	0.2882	0.6882	-0.3045	-0.0260	-0.1342
-0.05	-0.4047	0.2826	0.8011	-0.2670	-0.0244	-0.1168
1.07	-0.2847	0.2756	0.9367	-0.2262	-0.0214	-0.0972
2.05	-0.1703	0.2699	1.0678	-0.1879	-0.0180	-0.0792
3.00	-0.0665	0.2651	1.1787	-0.1514	-0.0145	-0.0633
4.04	0.0653	0.2597	1.3069	-0.1076	-0.0103	-0.0441
6.01	0.3255	0.2524	1.5413	-0.0332	-0.0009	-0.0112
8.04	0.6353	0.2423	1.7979	0.0255	0.0104	0.0178
10.05	1.0016	0.2357	2.1710	0.0907	0.0181	0.0474
12.00	1.4490	0.2258	2.6110	0.1471	0.0218	0.0726
14.06	1.9537	0.2175	3.1156	0.2004	0.0292	0.0993
15.96	2.4805	0.2067	3.5484	0.2517	0.0317	0.1266
18.07	3.0780	0.1984	3.9577	0.2918	0.0322	0.1468
20.03	3.6620	0.1940	4.2909	0.3231	0.0338	0.1634
22.04	4.2722	0.1932	4.6402	0.3623	0.0356	0.1812
24.05	4.8997	0.1936	4.8395	0.4003	0.0378	0.1997
26.05	5.5595	0.1946	5.0119	0.4398	0.0387	0.2195
28.05	6.2598	0.1968	5.2012	0.4774	0.0396	0.2395
30.04	6.9531	0.1991	5.3539	0.5248	0.0406	0.2615

Table 4. Continued

(I) Concluded

TEST 1629 RUN 16 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.00	-0.5123	0.2638	0.3218	-0.3152	-0.0258	-0.1358
-1.00	-0.4059	0.2586	0.4815	-0.2869	-0.0235	-0.1213
0.03	-0.2973	0.2520	0.6448	-0.2491	-0.0211	-0.1043
1.03	-0.1914	0.2480	0.7984	-0.2119	-0.0183	-0.0882
2.06	-0.0831	0.2412	0.9478	-0.1830	-0.0150	-0.0732
3.00	0.0248	0.2365	1.0828	-0.1486	-0.0118	-0.0582
4.02	0.1473	0.2319	1.2263	-0.1200	-0.0077	-0.0437
5.98	0.4097	0.2251	1.4782	-0.0563	0.0008	-0.0163
8.04	0.7461	0.2192	1.7589	-0.0075	0.0105	0.0089
9.97	1.1367	0.2124	2.0897	0.0477	0.0167	0.0331
12.00	1.5765	0.2044	2.4369	0.0830	0.0200	0.0517
14.01	2.0312	0.2006	2.7823	0.1244	0.0218	0.0683
16.01	2.5080	0.2002	3.1269	0.1630	0.0236	0.0839
18.02	3.0064	0.2045	3.4680	0.2002	0.0250	0.1001
19.98	3.4998	0.2084	3.7337	0.2311	0.0270	0.1154
22.00	4.0547	0.2134	3.9723	0.2719	0.0289	0.1339
24.00	4.6276	0.2168	4.1921	0.3131	0.0306	0.1530
26.02	5.2071	0.2238	4.4066	0.3594	0.0330	0.1736
28.00	5.8213	0.2305	4.6105	0.4024	0.0350	0.1948
30.05	6.4666	0.2627	4.8448	0.4453	0.0368	0.2162

TEST 1629 RUN 19 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.03	-0.4576	0.2278	0.1691	-0.1915	-0.0212	-0.0963
-1.01	-0.3624	0.2203	0.3431	-0.1734	-0.0199	-0.0855
-0.01	-0.2592	0.2145	0.4874	-0.1436	-0.0183	-0.0727
1.03	-0.1566	0.2092	0.6447	-0.1159	-0.0146	-0.0594
1.99	-0.0627	0.2067	0.7891	-0.0891	-0.0120	-0.0474
3.04	0.0544	0.2048	0.9508	-0.0616	-0.0087	-0.0345
3.98	0.1552	0.2027	1.0830	-0.0436	-0.0056	-0.0242
6.02	0.4343	0.1999	1.3468	0.0105	0.0013	0.0003
8.02	0.7589	0.1976	1.6197	0.0413	0.0065	0.0174
10.07	1.1173	0.1971	1.9651	0.0605	0.0102	0.0292
12.05	1.4697	0.2029	2.3022	0.0842	0.0129	0.0404
14.01	1.8274	0.2091	2.6390	0.1158	0.0148	0.0523
15.98	2.2321	0.2170	2.9385	0.1344	0.0174	0.0635
17.97	2.6691	0.2265	3.2377	0.1681	0.0201	0.0781
20.00	3.1431	0.2332	3.5376	0.2112	0.0225	0.0953
21.97	3.6437	0.2435	3.8253	0.2547	0.0253	0.1128
24.06	4.2029	0.2604	4.1252	0.3046	0.0281	0.1324
26.05	4.7650	0.2765	4.4290	0.3490	0.0313	0.1513
28.06	5.3763	0.2951	4.7622	0.3891	0.0341	0.1709
29.95	5.9703	0.3079	5.0601	0.4372	0.0373	0.1916

Table 4. Continued

(m) Fin 5 at $\delta = 0^\circ$ TEST 1056 RUN 52 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.27	-0.2843	0.1576	0.1730	-0.0649	-0.0239	-0.0294
-0.89	-0.2060	0.1616	0.1326	-0.0414	-0.0165	-0.0189
0.25	0.0070	0.1588	0.0616	0.0151	0.0053	0.0064
1.02	0.1373	0.1591	0.0382	0.0435	0.0183	0.0205
2.01	0.3412	0.1564	-0.0565	0.1038	0.0371	0.0475
3.10	0.5841	0.1523	-0.2019	0.1799	0.0594	0.0796
4.01	0.7898	0.1463	-0.3190	0.2426	0.0780	0.1049
6.17	1.2834	0.1381	-0.6061	0.3845	0.1195	0.1597
8.03	1.7106	0.1334	-0.8852	0.4985	0.1314	0.2036
10.06	2.1851	0.1464	-1.1644	0.6155	0.1308	0.2466
13.16	2.2209	0.1924	-0.2280	0.4938	0.0847	0.1972
14.25	2.3597	0.1883	-0.0786	0.4942	0.0862	0.2002
16.00	2.6749	0.1746	0.0200	0.5220	0.0893	0.2132
18.17	3.1194	0.1599	0.1203	0.5720	0.0933	0.2332
20.08	3.5524	0.1274	0.2111	0.6310	0.0966	0.2549
22.05	4.0325	0.1148	0.2838	0.7012	0.1004	0.2796

TEST 1056 RUN 51 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.27	-0.2904	0.2006	0.1764	-0.0694	-0.0306	-0.0339
-0.94	-0.2366	0.2003	0.1763	-0.0521	-0.0216	-0.0287
0.03	-0.0340	0.2017	0.0817	0.0000	0.0000	0.0000
1.17	0.1874	0.2032	0.0047	0.0624	0.0253	0.0355
2.09	0.3711	0.1946	-0.0524	0.1032	0.0497	0.0522
3.02	0.5351	0.1903	-0.0656	0.1472	0.0783	0.0637
4.04	0.8084	0.1835	-0.2646	0.2338	0.1048	0.1014
6.10	1.4472	0.1702	-0.8431	0.4414	0.1541	0.1968
8.05	1.9154	0.1681	-1.1154	0.5656	0.1887	0.2379
10.13	1.9594	0.2290	-0.6201	0.4967	0.1311	0.1845
12.10	2.2853	0.2257	-0.5250	0.5505	0.1227	0.2050
14.02	2.6831	0.2137	-0.5153	0.6215	0.1131	0.2354
16.04	3.1632	0.1940	-0.5199	0.6972	0.1033	0.2712
18.03	3.6062	0.1641	-0.3975	0.7516	0.0986	0.2987
20.03	4.1267	0.1412	-0.3510	0.8356	0.0970	0.3346
22.07	4.7633	0.1020	-0.7242	0.9686	0.0960	0.3843

Table 4. Continued

(m) Continued

TEST 1056 RUN 50 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.15	-0.2871	0.3813	0.2822	-0.0753	-0.0133	-0.0345
-0.80	-0.1969	0.3757	0.2080	-0.0560	-0.0089	-0.0251
0.01	-0.0063	0.3679	0.0602	0.0000	0.0000	0.0000
1.01	0.2181	0.3652	-0.0843	0.0597	0.0107	0.0287
2.11	0.4910	0.3627	-0.2829	0.1300	0.0243	0.0627
3.01	0.7167	0.3555	-0.4203	0.1975	0.0359	0.0921
4.01	0.9743	0.3531	-0.6084	0.2778	0.0472	0.1280
6.01	1.5142	0.3676	-1.0074	0.4439	0.0645	0.2007
8.00	2.0535	0.3630	-1.3673	0.5976	0.0806	0.2628
10.06	2.5927	0.3619	-1.6203	0.7314	0.0947	0.3182
12.04	3.0944	0.3530	-1.7115	0.8547	0.1052	0.3652
14.02	3.6123	0.3408	-1.7079	0.9747	0.1123	0.4106
16.03	4.1340	0.3328	-1.5497	1.0744	0.1154	0.4456
18.02	4.6451	0.3123	-1.1906	1.1420	0.1132	0.4643
20.11	5.2034	0.2943	-0.3453	1.1587	0.1026	0.4638
22.15	5.9187	0.2857	0.3164	1.2103	0.0931	0.4918

TEST 1802 RUN 95 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.05	-0.5484	0.3097	0.1779	-0.1238	-0.0210	-0.0736
-1.02	-0.3395	0.3072	0.0818	-0.0562	-0.0133	-0.0453
-0.05	-0.1283	0.3042	0.0075	0.0022	-0.0039	-0.0184
0.92	0.0468	0.3049	-0.0395	0.0519	0.0057	0.0042
1.91	0.2500	0.3065	-0.1143	0.1114	0.0151	0.0309
2.91	0.4507	0.3078	-0.2021	0.1671	0.0227	0.0569
3.96	0.6727	0.3097	-0.3029	0.2297	0.0305	0.0859
5.94	1.0988	0.3145	-0.4940	0.3438	0.0442	0.1352
7.93	1.5488	0.3150	-0.6737	0.4584	0.0553	0.1835
9.94	2.0166	0.3115	-0.7728	0.5720	0.0636	0.2300
11.95	2.5267	0.2970	-0.7580	0.6850	0.0685	0.2781
13.98	3.0658	0.2873	-0.6005	0.7820	0.0717	0.3208
15.93	3.7041	0.2772	-0.2159	0.8634	0.0743	0.3564
17.95	4.3208	0.2660	0.4208	0.9298	0.0771	0.3868
19.97	4.9686	0.2539	0.9843	0.9890	0.0767	0.4126
22.02	5.7355	0.2446	1.4962	1.0357	0.0708	0.4308
23.95	6.4712	0.2370	1.8960	1.0804	0.0661	0.4503
25.94	7.2477	0.2317	2.1862	1.1299	0.0608	0.4700
27.91	8.0608	0.2330	2.3843	1.1933	0.0595	0.4931
30.03	8.9866	0.2297	2.4347	1.2484	0.0568	0.5163

Table 4. Continued

(m) Continued

TEST 1802 RUN 96 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.22	-0.4643	0.2620	-0.0032	-0.1091	-0.0126	-0.0532
-1.20	-0.2859	0.2594	-0.0348	-0.0591	-0.0081	-0.0311
-0.22	-0.1105	0.2578	-0.0450	-0.0086	-0.0027	-0.0102
0.81	0.0429	0.2576	-0.0314	0.0283	0.0041	0.0067
1.78	0.2082	0.2592	-0.0287	0.0745	0.0103	0.0267
2.81	0.3924	0.2617	-0.0541	0.1260	0.0151	0.0487
3.82	0.5835	0.2647	-0.0935	0.1683	0.0198	0.0704
5.75	0.9648	0.2739	-0.1714	0.2625	0.0290	0.1123
7.77	1.3893	0.2768	-0.2202	0.3555	0.0391	0.1540
9.77	1.8367	0.2729	-0.1582	0.4432	0.0477	0.1933
11.75	2.3419	0.2705	0.0748	0.5185	0.0527	0.2290
13.77	2.9455	0.2693	0.4429	0.5889	0.0560	0.2611
15.76	3.5262	0.2642	0.9532	0.6528	0.0569	0.2887
17.82	4.1699	0.2566	1.3805	0.6941	0.0529	0.3109
19.83	4.8679	0.2537	1.5957	0.7572	0.0528	0.3410
21.84	5.5895	0.2553	1.7930	0.8139	0.0536	0.3655
23.73	6.2919	0.2626	1.9427	0.8641	0.0536	0.3882
25.81	7.0681	0.2704	2.0322	0.9215	0.0543	0.4135
27.83	7.8608	0.2763	2.1358	0.9702	0.0553	0.4368
29.86	8.6574	0.2809	2.1585	1.0299	0.0549	0.4623

TEST 1629 RUN 74 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.95	-0.3707	0.2624	-0.0231	-0.0705	-0.0092	-0.0359
-0.97	-0.2149	0.2624	-0.0145	-0.0369	-0.0049	-0.0195
0.06	-0.0616	0.2609	0.0273	0.0020	0.0002	-0.0028
1.03	0.0811	0.2642	0.0747	0.0374	0.0065	0.0115
1.99	0.2285	0.2670	0.1107	0.0759	0.0111	0.0276
3.06	0.4060	0.2701	0.1279	0.1196	0.0155	0.0464
3.98	0.5682	0.2723	0.1367	0.1548	0.0194	0.0631
6.03	0.9528	0.2829	0.1464	0.2388	0.0273	0.1002
8.02	1.3614	0.2838	0.1837	0.3180	0.0348	0.1360
9.95	1.8167	0.2901	0.3313	0.3838	0.0424	0.1695
11.97	2.3880	0.2902	0.5951	0.4557	0.0464	0.2042
13.96	2.9327	0.2927	0.9306	0.5020	0.0499	0.2287
15.95	3.5455	0.2900	1.2356	0.5467	0.0495	0.2545
18.02	4.2067	0.2889	1.4845	0.5914	0.0507	0.2771
19.98	4.8475	0.2893	1.6615	0.6384	0.0523	0.2988
21.99	5.5361	0.2975	1.8442	0.6809	0.0535	0.3216
23.95	6.2293	0.3077	1.8766	0.7288	0.0543	0.3457
25.97	6.9824	0.3176	1.8843	0.7865	0.0540	0.3731
28.01	7.7650	0.3257	1.9001	0.8470	0.0544	0.4023
30.08	8.6192	0.3367	1.8612	0.9103	0.0550	0.4340

Table 4. Continued

(m) Concluded

TEST 1629 RUN 79 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.01	-0.3209	0.2331	-0.1789	-0.0722	-0.0083	-0.0295
-1.00	-0.1818	0.2322	-0.0970	-0.0439	-0.0048	-0.0167
0.02	-0.0458	0.2319	0.0043	-0.0129	-0.0006	-0.0039
1.06	0.0958	0.2327	0.1123	0.0191	0.0046	0.0090
1.97	0.2219	0.2340	0.1882	0.0538	0.0084	0.0221
3.02	0.3779	0.2360	0.2635	0.0872	0.0127	0.0366
3.99	0.5277	0.2370	0.3262	0.1164	0.0158	0.0499
6.04	0.8765	0.2465	0.4676	0.1796	0.0220	0.0783
8.01	1.2661	0.2524	0.6090	0.2274	0.0276	0.1042
10.02	1.7450	0.2539	0.8033	0.2737	0.0313	0.1306
11.98	2.2370	0.2587	0.9980	0.3128	0.0340	0.1543
14.00	2.7710	0.2606	1.1687	0.3502	0.0359	0.1782
16.02	3.3399	0.2685	1.3322	0.3913	0.0387	0.2037
18.01	3.9116	0.2808	1.4788	0.4331	0.0411	0.2294
19.98	4.5130	0.2959	1.5557	0.4785	0.0435	0.2557
21.99	5.1477	0.3108	1.6045	0.5234	0.0454	0.2833
24.02	5.8347	0.3234	1.6054	0.5747	0.0479	0.3123
26.04	6.5332	0.3409	1.5947	0.6335	0.0503	0.3426
28.09	7.2741	0.3581	1.5626	0.6961	0.0525	0.3738
29.99	7.9928	0.3770	1.5081	0.7535	0.0545	0.4035

TEST 1629 RUN 80 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.03	-0.2906	0.1983	-0.1456	-0.0464	-0.0065	-0.0216
-1.06	-0.1718	0.1956	-0.0309	-0.0285	-0.0042	-0.0126
-0.04	-0.0572	0.1943	0.0843	-0.0078	-0.0006	-0.0027
1.01	0.0682	0.1966	0.1952	0.0199	0.0030	0.0079
2.01	0.1894	0.1992	0.3146	0.0430	0.0070	0.0181
3.02	0.3182	0.2022	0.4254	0.0643	0.0099	0.0280
4.09	0.4654	0.2075	0.5363	0.0811	0.0130	0.0381
6.01	0.7713	0.2138	0.7286	0.1131	0.0177	0.0565
7.99	1.1338	0.2150	0.9085	0.1467	0.0213	0.0749
9.97	1.5333	0.2298	1.1480	0.1642	0.0240	0.0916
12.01	1.9570	0.2424	1.3728	0.1945	0.0269	0.1108
14.01	2.4065	0.2543	1.5702	0.2304	0.0291	0.1322
15.96	2.8650	0.2686	1.7072	0.2632	0.0310	0.1543
17.96	3.3938	0.2886	1.8373	0.2979	0.0336	0.1794
20.02	3.9658	0.3051	1.9414	0.3466	0.0365	0.2089
22.02	4.5779	0.3280	2.0002	0.3817	0.0402	0.2396
24.03	5.2363	0.3527	2.0463	0.4393	0.0436	0.2741
25.98	5.9048	0.3826	2.0847	0.4771	0.0477	0.3072
28.00	6.6421	0.4117	2.1393	0.5344	0.0519	0.3440
29.95	7.3804	0.4382	2.1781	0.5794	0.0554	0.3775

Table 4. Continued

(n) Fin 5 at $\delta = 10^\circ$ TEST 1056 RUN 49 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.03	0.9270	0.2758	-1.8772	0.3756	0.1014	0.1751
0.01	1.1539	0.2906	-2.0248	0.4462	0.1101	0.2029
1.01	1.3731	0.3228	-2.1744	0.5169	0.1160	0.2285
2.05	1.5690	0.3502	-2.2713	0.5738	0.1202	0.2461
3.09	1.7206	0.3661	-2.2833	0.6112	0.1217	0.2539
4.05	1.8386	0.3871	-2.2529	0.6331	0.1198	0.2555
6.09	1.7764	0.3882	-1.6336	0.5460	0.0899	0.2201
8.11	1.8626	0.3966	-1.2232	0.5387	0.0848	0.2220
10.01	2.1061	0.3878	-1.1106	0.5591	0.0877	0.2338
12.01	2.4447	0.3982	-1.0851	0.5935	0.0912	0.2503
14.05	2.8178	0.4062	-1.0479	0.6415	0.0939	0.2694
16.01	3.2006	0.4074	-0.9976	0.6873	0.0956	0.2896
18.03	3.6134	0.4087	-0.9345	0.7422	0.0964	0.3117
20.03	4.0775	0.4106	-0.8786	0.8139	0.0977	0.3386
22.02	4.5434	0.3919	-0.7980	0.8841	0.0981	0.3654

TEST 1056 RUN 48 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.02	1.0288	0.3173	-2.0254	0.4184	0.1403	0.2112
0.01	1.2674	0.3363	-2.1787	0.4963	0.1584	0.2368
1.02	1.2015	0.3578	-1.8165	0.4517	0.1340	0.1986
2.01	1.3817	0.3820	-1.8992	0.5096	0.1370	0.2187
3.01	1.4523	0.3891	-1.7750	0.4914	0.1242	0.2049
4.03	1.5815	0.4021	-1.7531	0.5293	0.1182	0.2180
6.05	1.9109	0.4377	-1.8489	0.6302	0.1067	0.2572
8.03	2.2617	0.4544	-1.9525	0.7046	0.0968	0.2900
10.09	2.6022	0.4608	-1.9246	0.7493	0.0936	0.3127
12.02	2.9313	0.4665	-1.8436	0.7878	0.0931	0.3319
14.02	3.3137	0.4692	-1.7838	0.8360	0.0924	0.3555
16.01	3.7283	0.4658	-1.7014	0.8916	0.0916	0.3801
18.03	4.1758	0.4647	-1.5827	0.9570	0.0907	0.4085
20.02	4.6838	0.4653	-1.5086	1.0494	0.0898	0.4439
22.11	5.3403	0.4742	-1.8923	1.1778	0.0874	0.4920

Table 4. Continued

(n) Continued

TEST 1056 RUN 47 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.07	1.0946	0.5073	-2.3896	0.4579	0.0535	0.2347
0.02	1.3768	0.5285	-2.6570	0.5384	0.0622	0.2707
1.08	1.6485	0.5438	-2.8907	0.6180	0.0716	0.3050
2.03	1.8687	0.5643	-3.0568	0.6892	0.0788	0.3328
3.01	2.0811	0.5790	-3.1601	0.7547	0.0869	0.3590
4.03	2.3029	0.6039	-3.2694	0.8224	0.0939	0.3856
6.05	2.7511	0.6568	-3.4921	0.9562	0.1032	0.4362
8.01	3.1784	0.6861	-3.6490	1.0689	0.1088	0.4748
10.01	3.5512	0.6955	-3.5950	1.1285	0.1090	0.4867
12.01	3.8445	0.7061	-3.2513	1.1759	0.0985	0.5006
14.07	4.2364	0.7199	-2.9634	1.1966	0.0864	0.5134
16.00	4.6617	0.7257	-2.6818	1.2549	0.0793	0.5381
18.04	5.1373	0.7377	-2.1991	1.2985	0.0748	0.5607
20.03	5.7207	0.7327	-1.4916	1.3336	0.0727	0.5802
22.04	6.3727	0.7340	-0.7598	1.3600	0.0703	0.5979

TEST 1802 RUN 99 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.02	1.1867	0.5746	-3.2352	0.4913	0.0540	0.2439
-1.06	1.3593	0.5965	-3.2914	0.5434	0.0569	0.2659
-0.06	1.5537	0.6211	-3.3409	0.6007	0.0599	0.2910
1.02	1.7509	0.6474	-3.3918	0.6620	0.0628	0.3166
1.97	1.9318	0.6716	-3.4343	0.7169	0.0659	0.3394
2.97	2.1143	0.6949	-3.4707	0.7700	0.0694	0.3611
3.94	2.2953	0.7184	-3.5042	0.8188	0.0729	0.3815
5.92	2.6648	0.7624	-3.5395	0.9165	0.0805	0.4181
7.98	3.0620	0.8010	-3.5387	1.0014	0.0843	0.4518
9.96	3.4331	0.8297	-3.3774	1.0701	0.0830	0.4762
11.99	3.7990	0.8433	-2.9399	1.1141	0.0804	0.4955
13.97	4.1875	0.8494	-2.3319	1.1371	0.0757	0.5070
15.97	4.7202	0.8515	-1.5756	1.1571	0.0638	0.5189
17.93	5.2859	0.8523	-0.8319	1.1836	0.0521	0.5370
20.02	5.9650	0.8532	-0.2995	1.2024	0.0431	0.5557
21.97	6.6887	0.8623	0.0813	1.2427	0.0348	0.5775
23.92	7.4039	0.8709	0.5304	1.2731	0.0304	0.5924
25.95	8.1594	0.8866	0.8549	1.3160	0.0245	0.6145
28.00	9.0182	0.9088	1.1780	1.3525	0.0206	0.6365
30.03	9.8392	0.9270	1.1636	1.3951	0.0172	0.6577

Table 4. Continued

(n) Continued

TEST 1802 RUN 100 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.20	0.9219	0.4974	-2.8733	0.4209	0.0431	0.2032
-1.18	1.1019	0.5231	-2.8819	0.4777	0.0476	0.2269
-0.16	1.2696	0.5455	-2.8781	0.5302	0.0517	0.2482
0.86	1.4394	0.5686	-2.8673	0.5774	0.0552	0.2678
1.82	1.5945	0.5892	-2.8462	0.6258	0.0584	0.2865
2.77	1.7518	0.6101	-2.8197	0.6667	0.0614	0.3033
3.81	1.9209	0.6308	-2.7905	0.7110	0.0641	0.3214
5.82	2.2738	0.6684	-2.7149	0.7887	0.0683	0.3547
7.81	2.6498	0.7021	-2.5755	0.8591	0.0709	0.3850
9.83	3.0506	0.7310	-2.3246	0.9201	0.0711	0.4139
11.82	3.5352	0.7524	-1.8592	0.9658	0.0661	0.4392
13.85	4.0475	0.7678	-1.1786	1.0069	0.0627	0.4563
15.78	4.5027	0.7607	-0.3824	1.0111	0.0508	0.4652
17.85	5.1120	0.7639	0.0651	1.0313	0.0389	0.4795
19.85	5.7999	0.7839	0.2880	1.0805	0.0328	0.5043
21.82	6.4996	0.8059	0.4798	1.1254	0.0301	0.5257
23.83	7.2299	0.8415	0.6157	1.1802	0.0266	0.5510
25.80	7.9819	0.8733	0.7249	1.2340	0.0230	0.5771
27.84	8.7798	0.9047	0.8216	1.2897	0.0186	0.6039
29.81	9.5300	0.9387	0.8981	1.3427	0.0153	0.6309

TEST 1629 RUN 82 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	0.3549	0.3295	-1.6156	0.1506	0.0193	0.0895
-1.03	0.5178	0.3449	-1.6288	0.1878	0.0228	0.1076
0.03	0.6946	0.3630	-1.6275	0.2278	0.0265	0.1277
0.99	0.8511	0.3807	-1.6186	0.2751	0.0303	0.1472
2.04	1.0255	0.3993	-1.6005	0.3214	0.0350	0.1683
2.99	1.1869	0.4174	-1.5827	0.3658	0.0391	0.1872
3.98	1.3561	0.4355	-1.5628	0.4070	0.0440	0.2065
5.97	1.7163	0.4673	-1.4993	0.4907	0.0522	0.2422
8.03	2.1188	0.5005	-1.3674	0.5693	0.0581	0.2751
9.96	2.5167	0.5156	-1.1243	0.6161	0.0597	0.2997
11.96	3.0091	0.5319	-0.7042	0.6498	0.0563	0.3231
13.97	3.5388	0.5424	-0.2109	0.6723	0.0553	0.3406
15.98	4.1171	0.5528	0.1497	0.7025	0.0463	0.3614
17.96	4.7610	0.5680	0.3727	0.7486	0.0434	0.3837
20.00	5.4182	0.5871	0.5524	0.7905	0.0434	0.4051
21.99	6.1036	0.6104	0.7188	0.8360	0.0440	0.4267
24.03	6.8190	0.6387	0.7104	0.8957	0.0441	0.4530
26.01	7.5669	0.6677	0.6971	0.9542	0.0417	0.4808
27.98	8.3272	0.6925	0.7307	1.0086	0.0399	0.5082
29.98	9.1358	0.7244	0.7209	1.0750	0.0379	0.5398

Table 4. Continued

(n) Concluded

TEST 1629 RUN 85 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.97	0.2178	0.2863	-1.3812	0.1643	0.0160	0.0739
-0.94	0.3720	0.2983	-1.3181	0.1980	0.0195	0.0889
-0.02	0.5142	0.3109	-1.2567	0.2280	0.0220	0.1029
1.05	0.6668	0.3268	-1.1853	0.2639	0.0258	0.1197
1.96	0.8091	0.3392	-1.1279	0.2899	0.0292	0.1338
3.05	0.9800	0.3553	-1.0622	0.3211	0.0333	0.1514
3.98	1.1316	0.3710	-1.0023	0.3564	0.0363	0.1673
6.01	1.4889	0.4060	-0.8767	0.4370	0.0427	0.2028
8.01	1.8926	0.4337	-0.7296	0.4987	0.0474	0.2343
9.99	2.3390	0.4557	-0.4925	0.5226	0.0467	0.2571
12.02	2.8312	0.4724	-0.2454	0.5482	0.0456	0.2779
13.97	3.3416	0.4886	-0.0805	0.5790	0.0449	0.2995
16.01	3.9196	0.5101	0.0559	0.6292	0.0454	0.3254
18.00	4.5093	0.5362	0.1856	0.6809	0.0457	0.3523
19.99	5.1280	0.5665	0.1901	0.7280	0.0458	0.3803
21.96	5.7749	0.6026	0.2032	0.7913	0.0453	0.4123
23.98	6.4763	0.6376	0.1540	0.8687	0.0456	0.4481
25.96	7.1846	0.6788	0.0768	0.9463	0.0454	0.4839
28.03	7.9578	0.7178	-0.0086	1.0224	0.0453	0.5213
30.03	8.7340	0.7622	-0.1026	1.1001	0.0448	0.5574

TEST 1629 RUN 86 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.96	0.0910	0.2390	-0.9658	0.1001	0.0145	0.0567
-1.02	0.2138	0.2463	-0.8808	0.1256	0.0173	0.0675
0.04	0.3555	0.2567	-0.7911	0.1507	0.0198	0.0800
1.03	0.4812	0.2682	-0.7188	0.1724	0.0218	0.0913
1.99	0.6142	0.2821	-0.6336	0.1963	0.0251	0.1036
3.06	0.7547	0.2945	-0.5270	0.2143	0.0268	0.1156
3.99	0.8867	0.3098	-0.4418	0.2259	0.0298	0.1262
6.05	1.2239	0.3365	-0.2495	0.2697	0.0343	0.1504
8.04	1.6098	0.3553	-0.0989	0.2702	0.0350	0.1712
10.03	2.0323	0.3879	0.0774	0.3150	0.0365	0.1985
11.99	2.4741	0.4161	0.2197	0.3472	0.0370	0.2250
14.03	2.9628	0.4489	0.3191	0.3865	0.0395	0.2546
16.02	3.4711	0.4861	0.3893	0.4331	0.0410	0.2859
17.96	4.0069	0.5281	0.4256	0.4837	0.0428	0.3190
19.99	4.6208	0.5756	0.4326	0.5391	0.0450	0.3552
22.00	5.2862	0.6250	0.3851	0.6000	0.0471	0.3948
24.03	5.9965	0.6752	0.3253	0.6788	0.0488	0.4375
26.06	6.7268	0.7314	0.2824	0.7537	0.0510	0.4793
28.00	7.4759	0.7855	0.2220	0.8212	0.0524	0.5199
30.08	8.2965	0.8375	0.1537	0.9065	0.0526	0.5630

Table 4. Continued

(o) Fin 5 at $\delta = -10^\circ$ TEST 1056 RUN 55 $M = 0.60$ $R/ft = 2.7 \times 10^6$

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.39	-1.5431	0.3453	2.3842	-0.5455	-0.1208	-0.2237
-1.01	-1.4725	0.3311	2.3503	-0.5275	-0.1194	-0.2169
0.01	-1.2596	0.3110	2.2207	-0.4633	-0.1149	-0.1939
1.01	-1.0393	0.2805	2.0726	-0.3922	-0.1081	-0.1662
2.03	-0.8206	0.2640	1.9448	-0.3264	-0.0979	-0.1405
3.27	-0.5624	0.2420	1.8030	-0.2443	-0.0775	-0.1086
4.04	-0.3890	0.2264	1.7061	-0.1923	-0.0622	-0.0869
6.01	0.0594	0.1947	1.4391	-0.0606	-0.0247	-0.0307
8.10	0.4918	0.1565	1.2693	0.0395	0.0120	0.0177
10.00	0.9221	0.1091	1.0989	0.1510	0.0479	0.0656
12.53	1.5413	0.0359	0.9036	0.3142	0.0982	0.1325
14.04	1.9069	-0.0216	0.8259	0.4065	0.1252	0.1678
16.01	2.4058	-0.0713	0.7198	0.5160	0.1397	0.2122
18.31	2.9210	-0.0778	0.7181	0.5843	0.1149	0.2410
20.10	3.0667	-0.0440	1.2456	0.5374	0.0878	0.2197
22.12	3.3862	-0.0561	1.6487	0.5338	0.0854	0.2179

TEST 1056 RUN 54 $M = 0.90$ $R/ft = 2.0 \times 10^6$

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.37	-1.3694	0.3787	2.0599	-0.4868	-0.1451	-0.1928
-0.96	-1.3086	0.3702	2.0449	-0.4644	-0.1472	-0.1874
0.00	-1.2080	0.3478	2.0942	-0.4636	-0.1589	-0.2026
1.00	-1.1369	0.3161	2.2269	-0.4175	-0.1484	-0.1879
2.08	-0.8622	0.3022	2.0228	-0.3333	-0.1255	-0.1502
3.09	-0.6029	0.2787	1.8307	-0.2533	-0.1028	-0.1110
4.09	-0.3436	0.2645	1.6446	-0.1642	-0.0793	-0.0717
6.07	0.1270	0.2419	1.3712	-0.0254	-0.0313	-0.0181
8.00	0.4892	0.2122	1.3317	0.0083	0.0191	0.0060
10.07	1.0087	0.1603	1.1033	0.1498	0.0652	0.0741
12.08	1.5599	0.0837	0.8849	0.3055	0.1182	0.1330
14.11	2.2092	-0.0059	0.5579	0.4940	0.1599	0.2146
16.03	2.7451	-0.0584	0.4487	0.6186	0.1842	0.2541
18.03	3.3666	-0.1213	0.2547	0.7645	0.1970	0.3081
20.16	3.3251	-0.0158	1.2772	0.5847	0.1183	0.2280
22.03	3.7858	-0.0682	1.1436	0.6508	0.1140	0.2570

Table 4. Continued

(o) Continued

TEST 1056 RUN 53 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.37	-1.7494	0.5647	3.0961	-0.6287	-0.0735	-0.2728
-0.45	-1.5225	0.5448	2.9066	-0.5621	-0.0650	-0.2451
0.06	-1.3918	0.5322	2.7916	-0.5227	-0.0609	-0.2293
1.01	-1.1521	0.5084	2.5823	-0.4503	-0.0545	-0.1966
2.01	-0.8951	0.4784	2.3607	-0.3718	-0.0471	-0.1606
3.00	-0.6452	0.4557	2.2025	-0.2926	-0.0393	-0.1231
4.04	-0.3854	0.4378	2.0185	-0.2129	-0.0297	-0.0871
6.00	0.1115	0.4183	1.6969	-0.0664	-0.0082	-0.0249
8.00	0.5971	0.3887	1.4586	0.0326	0.0122	0.0269
10.02	1.1362	0.3358	1.2204	0.1578	0.0337	0.0867
12.06	1.7258	0.2752	1.0145	0.3153	0.0528	0.1546
14.01	2.3267	0.2176	0.8474	0.4623	0.0674	0.2206
16.05	2.9578	0.1629	0.8205	0.6032	0.0821	0.2778
18.08	3.5963	0.1060	0.9890	0.7208	0.0960	0.3283
20.05	4.2863	0.0527	1.3697	0.8295	0.1056	0.3732
22.03	5.0308	0.0071	1.9276	0.9225	0.1104	0.4128

TEST 1802 RUN 98 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.59	-2.0122	0.6842	3.3642	-0.7500	-0.0667	-0.3483
-1.62	-1.8270	0.6591	3.3259	-0.6913	-0.0639	-0.3246
-0.63	-1.6469	0.6350	3.2795	-0.6411	-0.0612	-0.3027
0.37	-1.4592	0.6111	3.2339	-0.5838	-0.0583	-0.2788
1.40	-1.2716	0.5859	3.1748	-0.5252	-0.0555	-0.2541
2.39	-1.0836	0.5617	3.1150	-0.4698	-0.0522	-0.2303
3.39	-0.8808	0.5362	3.0397	-0.4023	-0.0478	-0.2036
5.42	-0.4524	0.4814	2.8688	-0.2797	-0.0371	-0.1517
7.37	0.0082	0.4244	2.6520	-0.1546	-0.0250	-0.1007
9.38	0.5109	0.3646	2.4678	-0.0298	-0.0121	-0.0475
11.35	1.0171	0.3103	2.4708	0.0742	0.0034	0.0007
13.39	1.5628	0.2541	2.6640	0.1806	0.0192	0.0487
15.38	2.2518	0.1964	2.9875	0.2758	0.0314	0.0975
17.42	2.9636	0.1416	3.4794	0.3627	0.0405	0.1406
19.41	3.6476	0.0953	3.8132	0.4387	0.0484	0.1800
21.42	4.4085	0.0589	4.2401	0.4991	0.0489	0.2115
23.39	5.2216	0.0175	4.5580	0.5665	0.0505	0.2455
25.40	6.1132	-0.0374	4.6884	0.6538	0.0552	0.2864
27.42	7.0192	-0.0807	4.7189	0.7323	0.0582	0.3260
29.42	7.8893	-0.1139	4.6524	0.7888	0.0587	0.3542

Table 4. Continued

(o) Continued

TEST 1802 RUN 101 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.76	-1.7054	0.5959	2.6480	-0.6554	-0.0586	-0.2947
-1.78	-1.5492	0.5754	2.6718	-0.6182	-0.0556	-0.2779
-0.77	-1.3878	0.5539	2.6872	-0.5676	-0.0522	-0.2584
0.25	-1.2150	0.5291	2.6901	-0.5158	-0.0482	-0.2372
1.20	-1.0598	0.5079	2.6853	-0.4719	-0.0444	-0.2184
2.25	-0.8674	0.4814	2.6671	-0.4157	-0.0395	-0.1942
3.23	-0.6889	0.4574	2.6378	-0.3631	-0.0346	-0.1720
5.20	-0.2906	0.4020	2.5576	-0.2551	-0.0243	-0.1259
7.20	0.1405	0.3513	2.4339	-0.1588	-0.0154	-0.0828
9.24	0.6361	0.3048	2.4029	-0.0590	-0.0067	-0.0397
11.24	1.1594	0.2682	2.5605	0.0250	0.0026	-0.0022
13.21	1.7576	0.2293	2.9184	0.1049	0.0125	0.0336
15.24	2.3833	0.1914	3.3743	0.1877	0.0206	0.0734
17.28	3.0763	0.1547	3.7468	0.2507	0.0287	0.1090
19.24	3.7463	0.1204	3.9519	0.3115	0.0345	0.1418
21.19	4.4547	0.1000	4.1866	0.3683	0.0367	0.1693
23.22	5.1971	0.0820	4.3869	0.4120	0.0387	0.1931
25.26	5.9407	0.0684	4.5284	0.4599	0.0410	0.2159
27.23	6.6789	0.0510	4.6218	0.5055	0.0429	0.2383
29.26	7.4752	0.0330	4.6951	0.5611	0.0448	0.2636

TEST 1629 RUN 83 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	-1.1435	0.4066	1.6724	-0.3405	-0.0385	-0.1784
-1.00	-0.9648	0.3888	1.6827	-0.2926	-0.0333	-0.1575
0.03	-0.7945	0.3718	1.6814	-0.2494	-0.0294	-0.1374
1.00	-0.6342	0.3573	1.6898	-0.2081	-0.0255	-0.1190
2.02	-0.4616	0.3443	1.6962	-0.1645	-0.0219	-0.0997
3.02	-0.2992	0.3312	1.6983	-0.1253	-0.0182	-0.0816
4.03	-0.1223	0.3179	1.7008	-0.0842	-0.0144	-0.0631
5.96	0.2341	0.2925	1.7040	-0.0094	-0.0068	-0.0284
7.99	0.6348	0.2651	1.7473	0.0738	0.0038	0.0051
10.06	1.1027	0.2433	1.9384	0.1649	0.0119	0.0386
12.00	1.6360	0.2249	2.1917	0.2279	0.0161	0.0694
14.04	2.2462	0.1999	2.5098	0.2958	0.0249	0.1028
15.96	2.8474	0.1798	2.7459	0.3713	0.0298	0.1366
17.96	3.4932	0.1652	2.9911	0.4265	0.0319	0.1626
20.06	4.1816	0.1556	3.1971	0.4746	0.0353	0.1872
21.99	4.8138	0.1500	3.3878	0.5174	0.0386	0.2076
24.01	5.5050	0.1450	3.4691	0.5682	0.0417	0.2309
25.97	6.2234	0.1376	3.5082	0.6268	0.0435	0.2561
27.96	6.9753	0.1314	3.5575	0.7028	0.0450	0.2834
30.04	7.7863	0.1232	3.5544	0.7817	0.0464	0.3127

Table 4. Continued

(o) Concluded

TEST 1629 RUN 84 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.04	-0.8894	0.3490	1.1164	-0.2993	-0.0309	-0.1415
-1.03	-0.7339	0.3352	1.1902	-0.2620	-0.0274	-0.1252
-0.05	-0.5930	0.3249	1.2578	-0.2263	-0.0246	-0.1100
0.97	-0.4392	0.3124	1.3237	-0.1893	-0.0212	-0.0942
1.97	-0.2981	0.3001	1.3797	-0.1590	-0.0183	-0.0797
3.00	-0.1330	0.2870	1.4293	-0.1250	-0.0151	-0.0636
4.04	0.0317	0.2743	1.4763	-0.0976	-0.0118	-0.0491
5.99	0.3687	0.2529	1.5729	-0.0410	-0.0046	-0.0221
7.96	0.7500	0.2363	1.6959	0.0203	0.0044	0.0045
10.02	1.2318	0.2210	1.9136	0.0692	0.0099	0.0288
12.04	1.7211	0.2052	2.1667	0.1177	0.0146	0.0499
13.99	2.2094	0.1964	2.4018	0.1573	0.0168	0.0677
15.96	2.7184	0.1917	2.6372	0.2134	0.0189	0.0875
17.97	3.2629	0.1884	2.8777	0.2536	0.0206	0.1067
20.01	3.8408	0.1885	3.0556	0.3191	0.0234	0.1302
21.95	4.4250	0.1895	3.1803	0.3750	0.0257	0.1532
23.99	5.0679	0.1858	3.2763	0.4341	0.0291	0.1784
25.99	5.7092	0.1823	3.3413	0.4942	0.0331	0.2045
28.03	6.4146	0.1862	3.4088	0.5599	0.0378	0.2337
30.01	7.1191	0.1859	3.4421	0.6213	0.0419	0.2631

TEST 1629 RUN 87 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.03	-0.7210	0.2875	0.7290	-0.1901	-0.0221	-0.1019
-1.00	-0.5939	0.2768	0.8440	-0.1752	-0.0204	-0.0907
-0.01	-0.4599	0.2656	0.9250	-0.1516	-0.0178	-0.0786
1.02	-0.3341	0.2565	1.0061	-0.1362	-0.0157	-0.0675
2.02	-0.2010	0.2511	1.1005	-0.1144	-0.0128	-0.0564
3.02	-0.0683	0.2422	1.1900	-0.0953	-0.0099	-0.0451
3.97	0.0757	0.2344	1.2713	-0.0736	-0.0070	-0.0347
5.99	0.3894	0.2237	1.4209	-0.0225	-0.0007	-0.0127
8.01	0.7601	0.2165	1.6101	0.0172	0.0050	0.0049
9.97	1.1327	0.2140	1.8754	0.0518	0.0077	0.0191
11.95	1.5185	0.2138	2.1621	0.0875	0.0093	0.0326
14.05	1.9418	0.2160	2.4415	0.1219	0.0122	0.0465
16.04	2.3662	0.2193	2.6856	0.1567	0.0145	0.0604
18.06	2.8454	0.2242	2.9185	0.2012	0.0172	0.0767
20.04	3.3519	0.2230	3.1369	0.2506	0.0194	0.0951
22.01	3.9016	0.2322	3.3274	0.3022	0.0220	0.1153
24.01	4.4884	0.2423	3.5235	0.3541	0.0250	0.1373
26.03	5.1099	0.2529	3.7310	0.4141	0.0278	0.1618
28.00	5.7602	0.2609	3.9312	0.4825	0.0315	0.1891
29.99	6.4638	0.2645	4.0757	0.5600	0.0357	0.2203

Table 4. Continued

(p) Fin 6 at $\delta = 0^\circ$ TEST 1056 RUN 115 $M = 0.60$ $R/ft = 2.7 \times 10^6$

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.25	-0.4509	0.1761	0.4472	-0.0713	-0.0216	-0.0343
-0.92	-0.3410	0.1751	0.3490	-0.0421	-0.0168	-0.0233
0.02	-0.0688	0.1781	0.1286	0.0000	0.0000	0.0000
1.06	0.2241	0.1774	-0.1076	0.0639	0.0197	0.0266
2.02	0.5326	0.1691	-0.3946	0.1406	0.0388	0.0559
3.03	0.8730	0.1642	-0.7231	0.2222	0.0591	0.0880
4.02	1.2156	0.1496	-1.0612	0.3009	0.0811	0.1187
6.03	1.9026	0.1235	-1.7105	0.4405	0.1222	0.1755
8.02	2.4229	0.1369	-2.1374	0.5594	0.1272	0.2097
14.02	2.9065	0.2349	-1.1270	0.5074	0.0822	0.1989
16.03	3.3272	0.2161	-1.1140	0.5433	0.0856	0.2151
18.05	3.8001	0.2014	-1.1164	0.5987	0.0880	0.2353
20.06	4.3046	0.1805	-1.1725	0.6545	0.0897	0.2583
22.06	4.8475	0.1481	-1.5009	0.7151	0.0922	0.2812

TEST 1056 RUN 114 $M = 0.90$ $R/ft = 2.0 \times 10^6$

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.17	-0.4469	0.2725	0.4308	-0.0604	-0.0246	-0.0374
-0.95	-0.3903	0.2775	0.3908	-0.0706	-0.0206	-0.0323
0.02	-0.0570	0.2807	0.0677	0.0000	0.0000	0.0000
1.02	0.2561	0.2795	-0.2047	0.0652	0.0242	0.0233
2.03	0.5461	0.2737	-0.4171	0.1264	0.0530	0.0469
3.16	0.9058	0.2638	-0.7166	0.2141	0.0832	0.0771
4.04	1.2726	0.2396	-1.1068	0.3154	0.1096	0.1176
6.03	2.0074	0.2237	-1.8477	0.4802	0.1524	0.1842
8.02	2.6223	0.2239	-2.3791	0.6112	0.1736	0.2331
10.04	3.3031	0.2154	-2.9793	0.7647	0.1854	0.2886
12.00	2.9455	0.2903	-1.7471	0.5596	0.1236	0.2067
14.02	3.4551	0.2741	-1.9024	0.6358	0.1166	0.2356
16.05	4.0697	0.2409	-2.2239	0.7463	0.1031	0.2788
18.31	4.7787	0.2058	-2.5622	0.8654	0.0962	0.3269
20.04	5.3132	0.1762	-3.0097	0.9256	0.0954	0.3538

Table 4. Continued

(p) Continued

TEST 1056 RUN 113 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.19	-0.4563	0.4655	0.5058	-0.0669	-0.0154	-0.0342
-0.98	-0.3806	0.4654	0.4138	-0.0528	-0.0136	-0.0270
0.02	-0.0487	0.4649	0.0519	0.0000	0.0000	0.0000
1.03	0.2691	0.4629	-0.2609	0.0628	0.0108	0.0274
2.03	0.6230	0.4602	-0.6445	0.1290	0.0228	0.0584
3.06	0.9967	0.4445	-1.0221	0.2364	0.0362	0.0976
4.09	1.3736	0.4421	-1.4240	0.3435	0.0470	0.1346
6.04	2.0965	0.4475	-2.2024	0.4960	0.0607	0.1994
8.07	2.8316	0.4519	-2.9064	0.6600	0.0760	0.2612
10.07	3.5020	0.4419	-3.4196	0.7755	0.0874	0.3110
12.07	4.1342	0.4310	-3.7329	0.8881	0.0970	0.3535
14.06	4.7477	0.4146	-3.8993	0.9844	0.1044	0.3915
16.02	5.3262	0.3861	-3.8873	1.0545	0.1107	0.4200
18.14	6.0539	0.3611	-3.9802	1.1377	0.1088	0.4575

TEST 1802 RUN 45 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.01	-0.5282	0.3707	0.3699	-0.1128	-0.0231	-0.0477
-0.99	-0.2594	0.3687	0.1317	-0.0480	-0.0136	-0.0200
-0.06	-0.0054	0.3667	-0.0441	0.0018	-0.0019	0.0020
0.92	0.2435	0.3679	-0.2356	0.0536	0.0106	0.0251
1.93	0.5237	0.3693	-0.4794	0.1162	0.0211	0.0527
2.95	0.8247	0.3733	-0.7530	0.1767	0.0300	0.0827
3.96	1.1138	0.3791	-1.0092	0.2435	0.0395	0.1125
5.92	1.6903	0.3870	-1.4842	0.3637	0.0588	0.1660
7.95	2.2804	0.3874	-1.8929	0.4672	0.0736	0.2133
9.92	2.8669	0.3782	-2.1744	0.5705	0.0850	0.2568
11.93	3.4980	0.3653	-2.3893	0.6662	0.0934	0.3016
13.96	4.1786	0.3526	-2.4543	0.7325	0.0956	0.3427
15.93	4.9471	0.3394	-2.1847	0.8108	0.0948	0.3813
18.01	5.6968	0.3243	-1.7432	0.8940	0.1020	0.4158
19.99	6.3844	0.3099	-1.3931	0.9425	0.0986	0.4420
21.98	7.2302	0.2973	-1.1034	0.9834	0.0943	0.4674
23.91	8.0418	0.2869	-0.8492	1.0300	0.0891	0.4869
25.97	8.9405	0.2786	-0.7427	1.0963	0.0867	0.5089
27.98	9.8598	0.2741	-0.8158	1.1291	0.0824	0.5285
29.98	10.8140	0.2698	-0.9215	1.1720	0.0739	0.5532

Table 4. Continued

(p) Continued

TEST 1802 RUN 46 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.18	-0.4602	0.3185	0.1993	-0.0695	-0.0106	-0.0378
-1.16	-0.2358	0.3168	0.0631	-0.0224	-0.0044	-0.0178
-0.22	-0.0483	0.3159	-0.0232	-0.0045	0.0007	-0.0045
0.78	0.1682	0.3162	-0.1099	0.0268	0.0108	0.0114
1.82	0.3988	0.3170	-0.2374	0.0692	0.0182	0.0305
2.87	0.6486	0.3198	-0.3950	0.1140	0.0217	0.0516
3.82	0.8694	0.3221	-0.5366	0.1631	0.0251	0.0724
5.82	1.3552	0.3250	-0.8085	0.2619	0.0357	0.1137
7.78	1.8865	0.3270	-1.0724	0.3476	0.0489	0.1555
9.77	2.4765	0.3307	-1.2783	0.4380	0.0630	0.2006
11.81	3.1673	0.3364	-1.2605	0.5257	0.0693	0.2459
13.80	3.8520	0.3369	-1.0659	0.5940	0.0758	0.2812
15.84	4.5292	0.3301	-0.7037	0.6439	0.0773	0.3082
17.83	5.2265	0.3214	-0.5536	0.6818	0.0743	0.3347
19.82	6.0172	0.3175	-0.4506	0.7444	0.0763	0.3649
21.83	6.8175	0.3185	-0.4231	0.8203	0.0811	0.3932
23.83	7.6515	0.3199	-0.4098	0.8775	0.0828	0.4206
25.89	8.5139	0.3259	-0.4380	0.9169	0.0824	0.4460
27.83	9.3397	0.3278	-0.5162	0.9605	0.0782	0.4728
29.81	10.1750	0.3337	-0.6461	1.0128	0.0743	0.5018

TEST 1629 RUN 101 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.00	-0.4724	0.3005	0.1673	-0.0642	-0.0080	-0.0337
-1.05	-0.2685	0.2992	0.1013	-0.0310	-0.0042	-0.0178
0.03	-0.0668	0.2995	0.0464	0.0023	0.0006	-0.0026
1.02	0.1165	0.3010	0.0220	0.0244	0.0054	0.0096
2.00	0.2971	0.3030	-0.0217	0.0565	0.0104	0.0242
2.99	0.5062	0.3060	-0.0820	0.1005	0.0157	0.0412
4.07	0.7409	0.3088	-0.1640	0.1479	0.0218	0.0606
6.00	1.1705	0.3151	-0.3027	0.2256	0.0342	0.0944
8.00	1.6754	0.3183	-0.4306	0.3201	0.0474	0.1311
10.01	2.2327	0.3189	-0.4754	0.4007	0.0525	0.1686
12.04	2.9000	0.3242	-0.4261	0.4997	0.0608	0.2100
13.97	3.5710	0.3320	-0.3367	0.5827	0.0717	0.2470
16.03	4.2863	0.3400	-0.2132	0.6529	0.0760	0.2801
17.97	4.9892	0.3434	-0.1431	0.7078	0.0814	0.3071
19.98	5.7260	0.3426	-0.1024	0.7711	0.0864	0.3346
21.99	6.4664	0.3508	-0.0711	0.8102	0.0888	0.3598
24.00	7.2407	0.3602	-0.1977	0.8677	0.0912	0.3878
25.97	8.0507	0.3689	-0.3289	0.9190	0.0934	0.4173
27.96	8.9063	0.3787	-0.4742	0.9934	0.0990	0.4505
30.06	9.8416	0.3868	-0.6487	1.0718	0.1018	0.4848

Table 4. Continued

(p) Concluded

TEST 1629 RUN 104 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	-0.3730	0.2669	-0.0621	-0.0538	-0.0105	-0.0228
-0.99	-0.2066	0.2679	-0.0390	-0.0276	-0.0070	-0.0115
-0.05	-0.0586	0.2684	0.0008	-0.0018	-0.0019	-0.0011
1.05	0.1253	0.2688	0.0468	0.0271	0.0042	0.0108
2.00	0.2847	0.2691	0.0700	0.0536	0.0085	0.0223
3.05	0.4712	0.2708	0.0836	0.0821	0.0129	0.0356
4.06	0.6594	0.2735	0.0940	0.1098	0.0160	0.0484
6.02	1.0531	0.2838	0.1019	0.1667	0.0249	0.0740
8.03	1.5092	0.2899	0.1324	0.2400	0.0336	0.1024
9.95	2.0221	0.2874	0.1935	0.3153	0.0408	0.1313
12.09	2.6359	0.2955	0.2645	0.3839	0.0469	0.1616
13.99	3.1995	0.3027	0.2899	0.4436	0.0509	0.1890
16.03	3.8452	0.3091	0.2995	0.5089	0.0559	0.2199
18.00	4.4898	0.3219	0.2891	0.5570	0.0595	0.2499
20.02	5.1987	0.3382	0.1805	0.6262	0.0655	0.2851
22.00	5.9285	0.3600	0.0243	0.7078	0.0727	0.3222
23.99	6.6926	0.3779	-0.1634	0.7809	0.0794	0.3588
25.97	7.4721	0.4008	-0.3805	0.8543	0.0867	0.3944
28.08	8.3488	0.4203	-0.6182	0.9392	0.0923	0.4329
30.03	9.1573	0.4406	-0.8584	1.0130	0.0978	0.4671

TEST 1629 RUN 105 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.05	-0.3421	0.2253	-0.0487	-0.0443	-0.0081	-0.0176
-1.03	-0.2001	0.2226	0.0323	-0.0243	-0.0038	-0.0085
0.00	-0.0582	0.2224	0.0962	-0.0003	0.0005	0.0012
1.02	0.0869	0.2259	0.1728	0.0193	0.0048	0.0101
2.00	0.2238	0.2263	0.2373	0.0485	0.0096	0.0199
3.03	0.3798	0.2303	0.3056	0.0681	0.0135	0.0299
4.05	0.5392	0.2344	0.3698	0.0836	0.0164	0.0390
6.08	0.8955	0.2441	0.4817	0.1236	0.0223	0.0591
8.11	1.3249	0.2464	0.5857	0.1842	0.0302	0.0830
10.02	1.7480	0.2612	0.7278	0.2031	0.0309	0.1020
12.04	2.2200	0.2744	0.8538	0.2413	0.0343	0.1243
14.00	2.7100	0.2881	0.9412	0.2845	0.0400	0.1481
16.02	3.2563	0.3055	0.9661	0.3382	0.0451	0.1753
18.02	3.8405	0.3266	0.9568	0.3807	0.0524	0.2036
19.99	4.4612	0.3481	0.9060	0.4265	0.0563	0.2353
22.03	5.1789	0.3726	0.7783	0.4930	0.0599	0.2728
24.07	5.9440	0.4003	0.6259	0.5669	0.0644	0.3136
25.98	6.7148	0.4343	0.4560	0.6445	0.0708	0.3573
28.08	7.6086	0.4689	0.2447	0.7372	0.0790	0.4090
29.96	8.4676	0.5025	-0.0220	0.8143	0.0872	0.4580

Table 4. Continued

(q) Fin 6 at $\delta = 10^\circ$ TEST 1056 RUN 121 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.06	1.6288	0.3663	-3.1037	0.4873	0.0765	0.1753
-0.89	1.6695	0.3744	-3.1367	0.4976	0.0755	0.1778
0.01	1.8678	0.4117	-3.2963	0.5392	0.0731	0.1917
1.09	2.0975	0.4534	-3.4514	0.5889	0.0725	0.2070
2.00	2.2487	0.4726	-3.5017	0.6466	0.0776	0.2182
3.01	2.3505	0.4941	-3.4376	0.6676	0.0775	0.2229
4.01	2.4612	0.5170	-3.3825	0.6816	0.0777	0.2239
6.19	2.3029	0.5193	-2.5452	0.5699	0.0517	0.1907
8.00	2.4858	0.5285	-2.3810	0.5806	0.0504	0.2016
10.02	2.8090	0.5416	-2.3712	0.6219	0.0511	0.2190
12.01	3.1742	0.5511	-2.3974	0.6548	0.0503	0.2354
14.26	3.6326	0.5613	-2.4559	0.6993	0.0501	0.2545
16.00	4.0272	0.5688	-2.5341	0.7436	0.0502	0.2716
18.05	4.5122	0.5744	-2.6015	0.7835	0.0518	0.2911
20.03	5.0142	0.5831	-2.7173	0.8534	0.0518	0.3156
22.30	5.6149	0.5810	-2.9628	0.9199	0.0518	0.3380

TEST 1056 RUN 120 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.04	1.7575	0.4735	-3.2778	0.5124	0.1125	0.1913
-0.99	1.7726	0.4706	-3.2970	0.5146	0.1124	0.1926
0.00	2.0849	0.5033	-3.6141	0.5931	0.1184	0.2223
1.29	2.5231	0.5483	-4.0944	0.6868	0.1257	0.2592
2.22	2.7993	0.5766	-4.3702	0.7430	0.1338	0.2785
3.00	2.2991	0.5606	-3.2417	0.6106	0.1109	0.1952
4.12	2.4572	0.5858	-3.2703	0.6497	0.1057	0.2113
6.00	2.8504	0.6278	-3.5481	0.7526	0.0923	0.2508
8.00	3.1966	0.6457	-3.6737	0.7663	0.0606	0.2644
10.02	3.6289	0.6578	-3.8687	0.8294	0.0569	0.2921
12.00	4.0602	0.6721	-3.9863	0.8843	0.0531	0.3158
12.20	4.1021	0.6609	-3.9920	0.8895	0.0539	0.3176
14.02	4.4720	0.6756	-3.9866	0.9264	0.0517	0.3342
16.01	4.9032	0.6766	-3.9935	0.9845	0.0500	0.3575
18.00	5.3943	0.6834	-4.0802	1.0403	0.0481	0.3814
20.02	5.9604	0.6892	-4.4607	1.1047	0.0472	0.4051

Table 4. Continued

(q) Continued

TEST 1056 RUN 119 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-0.99	1.8596	0.6644	-3.8021	0.5603	0.0260	0.2102
0.09	2.2402	0.7053	-4.2561	0.6516	0.0297	0.2444
1.01	2.5536	0.7359	-4.6320	0.7313	0.0339	0.2724
2.00	2.8763	0.7695	-4.9829	0.8050	0.0382	0.3001
3.00	3.1614	0.7945	-5.2336	0.8730	0.0449	0.3230
4.01	3.4432	0.8314	-5.4569	0.9346	0.0505	0.3458
6.03	3.9993	0.8941	-5.8920	1.0584	0.0597	0.3872
8.01	4.4761	0.9280	-6.1094	1.1359	0.0680	0.4157
10.01	4.9822	0.9531	-6.3042	1.2156	0.0664	0.4471
12.27	5.4200	0.9592	-6.1094	1.2254	0.0547	0.4458
14.14	5.6883	0.9690	-5.6704	1.2656	0.0412	0.4601
16.01	6.1555	0.9876	-5.4989	1.3194	0.0376	0.4839
18.02	6.6875	1.0002	-5.2222	1.3613	0.0306	0.5086
20.05	7.3596	1.0176	-4.9521	1.4127	0.0262	0.5321
22.13	8.1982	1.0108	-4.2042	1.4488	0.0255	0.5458

TEST 1802 RUN 50 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.05	1.1668	0.5560	-3.1392	0.3904	0.0527	0.1739
-1.09	1.4186	0.5835	-3.3336	0.4471	0.0598	0.1973
0.00	1.6947	0.6130	-3.5369	0.4951	0.0667	0.2216
0.96	1.9289	0.6386	-3.7073	0.5422	0.0718	0.2430
1.94	2.1805	0.6641	-3.8809	0.5918	0.0766	0.2668
2.92	2.4194	0.6869	-4.0413	0.6438	0.0808	0.2886
3.94	2.6767	0.7117	-4.2165	0.6965	0.0852	0.3113
5.94	3.2094	0.7585	-4.5934	0.8004	0.0923	0.3570
7.95	3.7444	0.8019	-4.8969	0.8819	0.0979	0.3969
9.94	4.2566	0.8374	-5.0238	0.9622	0.1020	0.4318
11.93	4.7666	0.8625	-4.9651	1.0357	0.1037	0.4631
13.96	5.3434	0.8806	-4.7288	1.1040	0.1011	0.4935
15.97	5.9691	0.8891	-4.2282	1.1449	0.0931	0.5149
17.91	6.5545	0.8854	-3.5775	1.1656	0.0845	0.5275
20.00	7.3020	0.8884	-3.2145	1.2029	0.0749	0.5463
21.90	8.0408	0.8956	-2.9577	1.2316	0.0667	0.5643
23.94	8.8515	0.9027	-2.6752	1.2642	0.0586	0.5818
26.00	9.7267	0.9192	-2.4371	1.3037	0.0498	0.6062
28.00	10.5770	0.9406	-2.2747	1.3432	0.0453	0.6295
29.97	11.4510	0.9656	-2.1910	1.3939	0.0434	0.6524

Table 4. Continued

(q) Continued

TEST 1802 RUN 51 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.23	0.7951	0.4506	-2.5529	0.2811	0.0371	0.1215
-1.21	1.0396	0.4769	-2.7091	0.3334	0.0419	0.1450
-0.23	1.2678	0.5032	-2.8570	0.3848	0.0473	0.1674
0.77	1.5016	0.5308	-3.0027	0.4292	0.0527	0.1901
1.76	1.7416	0.5615	-3.1411	0.4820	0.0594	0.2138
2.84	1.9943	0.5922	-3.2756	0.5385	0.0672	0.2384
3.76	2.2151	0.6183	-3.3787	0.5833	0.0730	0.2580
5.78	2.6760	0.6654	-3.5618	0.6623	0.0815	0.2940
7.80	3.1642	0.7046	-3.6593	0.7215	0.0861	0.3267
9.78	3.6686	0.7349	-3.6396	0.8021	0.0885	0.3593
11.77	4.2358	0.7582	-3.4341	0.8598	0.0885	0.3896
13.81	4.8761	0.7805	-3.0200	0.9253	0.0900	0.4185
15.79	5.4501	0.7906	-2.4831	0.9582	0.0841	0.4398
17.81	6.1010	0.8015	-2.1469	1.0016	0.0753	0.4625
19.77	6.8281	0.8198	-2.0024	1.0548	0.0717	0.4858
21.85	7.6385	0.8449	-1.9842	1.0997	0.0644	0.5091
23.79	8.4256	0.8786	-1.9878	1.1441	0.0591	0.5343
25.76	9.2599	0.9093	-2.0390	1.2005	0.0550	0.5626
27.84	10.1250	0.9401	-2.0942	1.2662	0.0510	0.5926
29.83	10.9420	0.9734	-2.1971	1.3237	0.0477	0.6218

TEST 1629 RUN 107 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.02	0.5991	0.4102	-2.1443	0.2153	0.0307	0.1109
-1.02	0.8219	0.4339	-2.2429	0.2606	0.0364	0.1298
0.01	1.0222	0.4570	-2.3365	0.3040	0.0408	0.1484
1.02	1.2430	0.4822	-2.4280	0.3543	0.0460	0.1686
1.98	1.4503	0.5061	-2.5111	0.4014	0.0511	0.1872
3.05	1.6900	0.5350	-2.5921	0.4602	0.0580	0.2098
4.02	1.9001	0.5589	-2.6801	0.5076	0.0629	0.2299
6.01	2.3825	0.6181	-2.8760	0.6047	0.0755	0.2735
8.00	2.8761	0.6733	-2.9750	0.6800	0.0857	0.3111
9.98	3.3852	0.7096	-2.9139	0.7615	0.0945	0.3427
12.00	3.9646	0.7298	-2.6371	0.8124	0.0937	0.3697
13.97	4.5308	0.7443	-2.2964	0.8689	0.0957	0.3950
16.01	5.1852	0.7661	-2.0389	0.9381	0.0883	0.4231
17.99	5.8595	0.7888	-1.9188	0.9794	0.0894	0.4487
20.00	6.6026	0.8123	-1.8622	1.0179	0.0897	0.4721
22.00	7.3358	0.8513	-1.8612	1.0756	0.0916	0.4996
24.05	8.1473	0.8901	-1.9935	1.1314	0.0908	0.5301
25.97	8.9123	0.9237	-2.1072	1.2045	0.0917	0.5586
27.96	9.7595	0.9638	-2.2036	1.2852	0.0923	0.5900
30.05	10.6990	1.0050	-2.3997	1.3647	0.0924	0.6258

Table 4. Continued

(q) Concluded

TEST 1629 RUN 110 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.97	0.4047	0.3514	-1.7640	0.1538	0.0275	0.0775
-1.03	0.5743	0.3684	-1.7636	0.1908	0.0322	0.0909
0.02	0.7646	0.3887	-1.7601	0.2372	0.0356	0.1077
0.99	0.9424	0.4066	-1.7595	0.2600	0.0393	0.1218
1.99	1.1266	0.4266	-1.7696	0.3000	0.0442	0.1384
3.01	1.3207	0.4496	-1.7873	0.3469	0.0490	0.1564
4.03	1.5300	0.4711	-1.7993	0.3777	0.0515	0.1730
5.99	1.9457	0.5156	-1.8243	0.4574	0.0582	0.2054
7.99	2.4269	0.5581	-1.8370	0.5420	0.0677	0.2402
9.99	2.9854	0.5967	-1.8177	0.6141	0.0697	0.2781
12.00	3.5672	0.6361	-1.7666	0.6641	0.0745	0.3124
14.02	4.1879	0.6716	-1.7671	0.7055	0.0781	0.3425
15.99	4.8176	0.7075	-1.7726	0.7663	0.0787	0.3726
18.02	5.4889	0.7465	-1.7905	0.8429	0.0868	0.4060
19.99	6.1803	0.7903	-1.8965	0.9287	0.0900	0.4402
22.01	6.9291	0.8417	-2.0689	1.0121	0.0899	0.4778
23.98	7.6867	0.8905	-2.2839	1.0812	0.0899	0.5134
26.05	8.5471	0.9500	-2.5750	1.1721	0.0941	0.5552
28.00	9.3705	1.0019	-2.8545	1.2517	0.0954	0.5932
30.05	10.2760	1.0614	-3.1623	1.3472	0.0996	0.6348

TEST 1629 RUN 112 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.05	0.1984	0.2884	-1.2197	0.0407	0.0184	0.0621
-1.03	0.3604	0.2989	-1.1755	0.0731	0.0210	0.0730
0.06	0.5259	0.3143	-1.1326	0.0995	0.0252	0.0850
1.05	0.6863	0.3305	-1.1101	0.1153	0.0281	0.0955
2.02	0.8388	0.3479	-1.0757	0.1458	0.0323	0.1081
3.00	0.9986	0.3674	-1.0287	0.1685	0.0341	0.1204
3.97	1.1657	0.3863	-0.9984	0.1944	0.0365	0.1330
6.07	1.5627	0.4272	-0.9301	0.2675	0.0429	0.1623
8.03	2.0034	0.4598	-0.8981	0.3099	0.0483	0.1903
10.00	2.4991	0.5025	-0.8661	0.3611	0.0528	0.2211
12.02	3.0355	0.5482	-0.8805	0.4372	0.0562	0.2570
14.07	3.6189	0.5980	-0.9580	0.5017	0.0621	0.2962
15.98	4.2083	0.6550	-1.1036	0.5663	0.0690	0.3365
17.99	4.8854	0.7254	-1.2998	0.6668	0.0743	0.3844
19.95	5.6014	0.7951	-1.5307	0.7545	0.0807	0.4322
21.97	6.3811	0.8709	-1.8285	0.8474	0.0878	0.4821
24.01	7.2234	0.9411	-2.1373	0.9415	0.0898	0.5327
25.98	8.0607	1.0192	-2.4296	1.0592	0.0965	0.5847
28.04	8.9782	1.1003	-2.7402	1.1510	0.0984	0.6370
29.99	9.8750	1.1698	-3.0953	1.2369	0.1013	0.6842

Table 4. Continued

(r) Fin 6 at $\delta = -10^\circ$ TEST 1056 RUN 118 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.38	-2.1719	0.4796	3.5306	-0.4758	-0.0707	-0.2086
-0.87	-2.1048	0.4627	3.5328	-0.4679	-0.0725	-0.2074
0.01	-1.9518	0.4345	3.4639	-0.4426	-0.0752	-0.2007
1.01	-1.7321	0.3965	3.3003	-0.4098	-0.0776	-0.1870
2.02	-1.5069	0.3557	3.1329	-0.3690	-0.0800	-0.1713
3.02	-1.2338	0.3257	2.9082	-0.3189	-0.0736	-0.1531
4.03	-0.8994	0.3012	2.5947	-0.2601	-0.0588	-0.1259
6.14	-0.1768	0.2451	1.8930	-0.1171	-0.0199	-0.0618
8.02	0.4318	0.1761	1.3551	0.0123	0.0189	-0.0090
10.02	1.0830	0.0909	0.8441	0.1496	0.0580	0.0448
12.02	1.7956	-0.0178	0.2757	0.2921	0.0990	0.1050
13.02	2.1596	-0.0754	0.0250	0.3512	0.1178	0.1336
14.02	2.5068	-0.1344	-0.1934	0.4352	0.1397	0.1613
16.01	3.1308	-0.2084	-0.4930	0.5683	0.1654	0.2033

TEST 1056 RUN 117 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.43	-2.6936	0.5752	4.3710	-0.6053	-0.1309	-0.2923
-0.98	-2.5559	0.5650	4.2385	-0.5872	-0.1302	-0.2830
0.02	-2.2073	0.5264	3.8421	-0.5177	-0.1273	-0.2542
1.05	-1.8664	0.4895	3.4774	-0.4562	-0.1218	-0.2238
2.02	-1.5516	0.4582	3.1633	-0.3937	-0.1119	-0.1957
3.03	-1.2122	0.4623	2.8418	-0.3158	-0.0929	-0.1684
4.04	-0.8347	0.4001	2.4416	-0.2481	-0.0713	-0.1366
6.04	-0.1455	0.3469	1.8094	-0.0896	-0.0187	-0.0728
8.02	0.4516	0.2936	1.3837	0.0111	0.0277	-0.0323
10.12	1.2323	0.2035	0.6872	0.1611	0.0752	0.0339
12.04	2.0047	0.0681	0.0793	0.3381	0.1356	0.0998
14.02	2.7981	-0.0396	-0.5255	0.4820	0.1682	0.1616
16.03	3.4949	-0.1159	-0.9419	0.6216	0.1895	0.2149
18.23	4.3136	-0.2106	-1.4696	0.7664	0.2008	0.2680
20.04	4.4073	-0.1775	-0.9419	0.8860	0.2090	0.3106
22.02	4.4913	-0.1566	-0.4899	0.6802	0.1404	0.2314

Table 4. Continued

(r) Continued

TEST 1056 RUN 116 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.42	-2.7394	0.7879	4.9368	-0.6684	-0.0445	-0.3165
-0.96	-2.5949	0.7694	4.7785	-0.6489	-0.0449	-0.3041
0.05	-2.2574	0.7320	4.3877	-0.5895	-0.0442	-0.2739
2.02	-1.5635	0.6552	3.5590	-0.4309	-0.0331	-0.2083
3.11	-1.1941	0.6158	3.1902	-0.3424	-0.0242	-0.1742
4.06	-0.8648	0.5933	2.8434	-0.2752	-0.0173	-0.1448
4.06	-0.8652	0.5964	2.8445	-0.2764	-0.0153	-0.1449
6.03	-0.1484	0.5548	2.1073	-0.1087	0.0071	-0.0771
6.04	-0.1486	0.5502	2.1068	-0.1119	0.0075	-0.0776
8.03	0.5470	0.4943	1.4734	0.0148	0.0241	-0.0219
10.07	1.2774	0.4114	0.9012	0.1482	0.0511	0.0358
12.04	2.0546	0.3028	0.3188	0.3042	0.0710	0.1020
14.09	2.8732	0.2042	-0.2003	0.4576	0.0865	0.1665
16.03	3.6634	0.1145	-0.5945	0.6030	0.0997	0.2253
18.07	4.4515	0.0401	-0.7296	0.7351	0.1141	0.2772
20.02	5.2420	-0.0410	-0.6908	0.8396	0.1220	0.3209
22.08	6.2032	-0.1227	-0.1257	0.9419	0.1264	0.3577

TEST 1802 RUN 49 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.59	-2.3161	0.6775	3.8769	-0.6181	-0.0773	-0.2752
-1.68	-2.0745	0.6539	3.7105	-0.5669	-0.0734	-0.2537
-0.59	-1.8154	0.6278	3.5274	-0.5112	-0.0680	-0.2299
0.37	-1.5542	0.5986	3.3430	-0.4685	-0.0623	-0.2074
1.34	-1.3147	0.5723	3.1674	-0.4108	-0.0556	-0.1844
2.36	-1.0277	0.5404	2.9336	-0.3496	-0.0472	-0.1579
3.35	-0.7578	0.5102	2.7093	-0.2906	-0.0386	-0.1322
5.36	-0.1499	0.4461	2.1548	-0.1400	-0.0174	-0.0726
7.34	0.4620	0.3838	1.6299	-0.0507	-0.0001	-0.0206
9.35	1.0740	0.3277	1.2670	0.0390	0.0213	0.0260
11.36	1.7434	0.2666	0.9083	0.1494	0.0382	0.0820
13.38	2.4656	0.2058	0.6933	0.2418	0.0549	0.1345
15.37	3.2536	0.1475	0.7380	0.3383	0.0707	0.1819
17.34	4.0473	0.0911	0.9733	0.4248	0.0798	0.2243
19.39	4.8571	0.0396	1.1927	0.5188	0.0877	0.2644
21.40	5.7255	-0.0072	1.2934	0.5835	0.0909	0.3021
23.35	6.6382	-0.0530	1.4266	0.6303	0.0914	0.3351
25.39	7.5878	-0.1051	1.3257	0.6947	0.0942	0.3707
27.45	8.6101	-0.1526	1.2833	0.7752	0.0991	0.4071
29.46	9.5621	-0.1852	1.1489	0.8414	0.1024	0.4343

Table 4. Continued

(r) Continued

TEST 1802 RUN 52 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.73	-1.9285	0.5772	3.0808	-0.5153	-0.0634	-0.2265
-1.78	-1.7034	0.5475	2.9511	-0.4672	-0.0564	-0.2044
-0.79	-1.4647	0.5183	2.8016	-0.4174	-0.0498	-0.1806
0.20	-1.2325	0.4904	2.6581	-0.3671	-0.0438	-0.1572
1.26	-0.9799	0.4616	2.4960	-0.3171	-0.0380	-0.1331
2.19	-0.7663	0.4388	2.3538	-0.2735	-0.0341	-0.1129
3.19	-0.5143	0.4156	2.1914	-0.2253	-0.0293	-0.0903
5.22	-0.0232	0.3695	1.8701	-0.1372	-0.0131	-0.0493
7.25	0.5101	0.3208	1.5866	-0.0701	-0.0044	-0.0120
9.22	1.0301	0.2844	1.4878	-0.0069	0.0087	0.0198
11.20	1.6298	0.2437	1.4881	0.0561	0.0180	0.0574
13.19	2.3187	0.1995	1.6030	0.1309	0.0290	0.0951
15.20	3.0442	0.1584	1.8249	0.2264	0.0387	0.1363
17.26	3.8471	0.1177	1.9082	0.3151	0.0510	0.1814
19.24	4.6645	0.0836	1.8947	0.3788	0.0593	0.2184
21.18	5.4355	0.0610	1.8861	0.4298	0.0642	0.2479
23.20	6.2423	0.0403	1.9017	0.4793	0.0714	0.2740
25.28	7.0961	0.0248	1.9044	0.5330	0.0781	0.2998
27.30	7.9454	0.0025	1.8474	0.5889	0.0822	0.3265
29.25	8.7732	-0.0215	1.7360	0.6454	0.0850	0.3526

TEST 1629 RUN 108 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.03	-1.6104	0.5223	2.6543	-0.3728	-0.0529	-0.1859
-0.97	-1.3794	0.4956	2.5619	-0.3217	-0.0467	-0.1638
-0.04	-1.1771	0.4746	2.4753	-0.2815	-0.0422	-0.1453
1.05	-0.9530	0.4516	2.3792	-0.2361	-0.0356	-0.1256
2.01	-0.7396	0.4300	2.2941	-0.1919	-0.0310	-0.1075
2.97	-0.5445	0.4120	2.2077	-0.1438	-0.0264	-0.0898
4.04	-0.3043	0.3888	2.1126	-0.0972	-0.0186	-0.0715
5.99	0.1339	0.3507	1.9184	-0.0234	-0.0078	-0.0381
7.99	0.6206	0.3123	1.7728	0.0449	-0.0004	-0.0066
10.03	1.1454	0.2850	1.8182	0.1069	0.0106	0.0225
12.05	1.7743	0.2516	1.9435	0.1590	0.0168	0.0529
14.05	2.4661	0.2061	2.0670	0.2586	0.0316	0.0908
15.97	3.1339	0.1752	2.1914	0.3350	0.0414	0.1217
17.98	3.8464	0.1498	2.2791	0.3914	0.0463	0.1488
20.03	4.5909	0.1286	2.3380	0.4381	0.0501	0.1755
21.98	5.3139	0.1128	2.3864	0.4972	0.0518	0.2022
24.02	6.1002	0.0984	2.2581	0.5564	0.0572	0.2316
26.03	6.9138	0.0836	2.1432	0.6265	0.0603	0.2610
28.00	7.7431	0.0655	2.0228	0.7115	0.0673	0.2903
30.04	7.8948	0.0210	1.7109	0.7335	0.0650	0.2938

Table 4. Continued

(r) Concluded

TEST 1629 RUN 111 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.98	-1.2203	0.4324	1.7513	-0.3059	-0.0452	-0.1457
-1.01	-1.0421	0.4150	1.7555	-0.2665	-0.0411	-0.1304
0.02	-0.8579	0.3969	1.7595	-0.2308	-0.0373	-0.1149
1.02	-0.6738	0.3797	1.7625	-0.1972	-0.0336	-0.0995
2.03	-0.4908	0.3610	1.7500	-0.1612	-0.0295	-0.0847
3.00	-0.3112	0.3430	1.7358	-0.1348	-0.0263	-0.0717
4.04	-0.1132	0.3270	1.7147	-0.1041	-0.0216	-0.0564
5.97	0.2816	0.2961	1.6812	-0.0608	-0.0146	-0.0308
8.04	0.7586	0.2683	1.6621	0.0051	-0.0035	-0.0042
9.98	1.2532	0.2437	1.7925	0.0033	0.0011	0.0121
12.01	1.7891	0.2218	1.9461	0.0500	0.0070	0.0327
13.99	2.3314	0.2081	2.1021	0.1045	0.0157	0.0528
16.02	2.9049	0.1950	2.2611	0.1616	0.0172	0.0732
17.98	3.4800	0.1856	2.4081	0.2302	0.0214	0.0947
19.98	4.0957	0.1764	2.4697	0.2806	0.0286	0.1157
21.97	4.7497	0.1706	2.4918	0.3416	0.0352	0.1391
23.99	5.4458	0.1621	2.4626	0.3995	0.0413	0.1650
26.01	6.1821	0.1486	2.3891	0.4660	0.0489	0.1935
28.00	6.9408	0.1421	2.3159	0.5293	0.0547	0.2234
30.00	7.7283	0.1300	2.1877	0.5998	0.0594	0.2569

TEST 1629 RUN 113 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.05	-0.9762	0.3590	1.2132	-0.1732	-0.0308	-0.1029
-0.95	-0.8133	0.3425	1.2810	-0.1432	-0.0283	-0.0895
0.04	-0.6557	0.3252	1.3066	-0.1247	-0.0247	-0.0777
0.91	-0.5218	0.3146	1.3367	-0.1272	-0.0236	-0.0700
2.07	-0.3456	0.3016	1.3885	-0.0804	-0.0201	-0.0546
3.01	-0.1893	0.2920	1.4312	-0.0796	-0.0171	-0.0463
4.07	-0.0218	0.2790	1.4742	-0.0666	-0.0143	-0.0359
6.09	0.3462	0.2612	1.5348	-0.0227	-0.0060	-0.0161
8.03	0.7446	0.2470	1.6427	0.0167	0.0009	0.0014
9.94	1.1330	0.2395	1.8442	0.0330	0.0041	0.0136
12.00	1.5686	0.2361	2.0751	0.0650	0.0081	0.0284
14.01	2.0030	0.2354	2.2938	0.0951	0.0118	0.0422
16.01	2.4692	0.2347	2.4639	0.1153	0.0159	0.0553
17.97	2.9668	0.2235	2.6234	0.1446	0.0201	0.0702
19.99	3.5198	0.2277	2.7697	0.1882	0.0245	0.0883
22.01	4.1300	0.2314	2.8703	0.2302	0.0286	0.1083
24.01	4.7701	0.2354	2.9678	0.2761	0.0331	0.1303
26.02	5.4522	0.2394	3.0397	0.3459	0.0397	0.1567
28.06	6.2076	0.2407	3.1129	0.4066	0.0456	0.1865
29.95	6.9373	0.2310	3.0396	0.4829	0.0535	0.2192

Table 4. Continued

(s) Fin 7 at $\delta = 0^\circ$ TEST 1056 RUN 88 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.21	-0.1322	0.1489	-0.0535	-0.0362	0.0015	-0.0155
-0.93	-0.1041	0.1489	-0.0403	-0.0309	0.0011	-0.0123
0.02	-0.0094	0.1428	0.0272	0.0000	0.0000	0.0000
1.02	0.0909	0.1483	0.0950	0.0311	-0.0015	0.0127
2.07	0.2087	0.1465	0.1452	0.0632	-0.0030	0.0272
3.03	0.3233	0.1531	0.1651	0.1026	-0.0048	0.0428
4.03	0.4565	0.1499	0.1751	0.1442	-0.0065	0.0592
6.02	0.7470	0.1532	0.1446	0.2359	-0.0103	0.0925
8.07	1.0840	0.1495	0.0733	0.3251	-0.0121	0.1230
10.04	1.4399	0.1393	-0.0113	0.4245	-0.0027	0.1482
12.00	1.8332	0.1242	-0.1355	0.5252	0.0047	0.1714
13.03	2.0637	0.1190	-0.2198	0.5806	0.0075	0.1848
14.05	2.3029	0.1121	-0.3112	0.6397	0.0110	0.1994
16.01	2.7742	0.1030	-0.4667	0.7351	0.0140	0.2240
18.01	3.2864	0.0742	-0.5976	0.8320	0.0212	0.2468
20.03	3.7921	0.0594	-0.6537	0.9190	0.0288	0.2675
22.03	4.2933	0.0187	-0.8192	0.9926	0.0342	0.2854

TEST 1056 RUN 87 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.16	-0.1378	0.1558	-0.0673	-0.0321	0.0013	-0.0143
-1.00	-0.1192	0.1574	-0.0603	-0.0311	0.0011	-0.0129
0.02	-0.0129	0.1547	0.0134	0.0000	0.0000	0.0000
1.03	0.0900	0.1523	0.0839	0.0274	-0.0011	0.0122
2.01	0.2011	0.1538	0.1272	0.0607	-0.0028	0.0262
3.01	0.3315	0.1509	0.1442	0.1042	-0.0052	0.0434
4.25	0.5039	0.1595	0.1371	0.1566	-0.0081	0.0645
6.03	0.7835	0.1628	0.0830	0.2373	-0.0121	0.0942
8.01	1.1239	0.1655	0.0019	0.3300	-0.0143	0.1236
10.01	1.5013	0.1639	-0.0990	0.4229	-0.0135	0.1493
12.05	1.9377	0.1580	-0.2362	0.5288	-0.0096	0.1745
14.11	2.4147	0.1458	-0.3673	0.6260	-0.0092	0.2008
16.05	2.8948	0.1223	-0.4768	0.7192	-0.0097	0.2261
18.06	3.4116	0.1017	-0.5790	0.8211	-0.0113	0.2537
20.02	3.9088	0.0743	-0.7465	0.9142	-0.0124	0.2786
22.02	4.3838	0.0245	-0.9525	0.9771	-0.0138	0.2954

Table 4. Continued

(s) Continued

TEST 1056 RUN 86 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.21	-0.1532	0.2826	-0.0423	-0.0476	0.0027	-0.0189
-0.99	-0.1251	0.2813	-0.0359	-0.0371	0.0021	-0.0150
0.02	-0.0066	0.2762	-0.0126	0.0000	0.0000	0.0000
1.03	0.1112	0.2755	0.0179	0.0316	-0.0022	0.0140
2.01	0.2326	0.2767	0.0573	0.0673	-0.0050	0.0295
3.02	0.3556	0.2762	0.1357	0.1172	-0.0082	0.0470
4.08	0.5063	0.2861	0.1391	0.1607	-0.0119	0.0650
6.01	0.8116	0.3078	0.1219	0.2523	-0.0187	0.0973
8.03	1.1612	0.3179	0.0949	0.3490	-0.0253	0.1273
10.01	1.5418	0.3182	0.0592	0.4239	-0.0311	0.1500
12.05	1.9850	0.3040	0.0061	0.5165	-0.0357	0.1743
14.03	2.4481	0.3037	0.0306	0.6013	-0.0421	0.1981
16.04	2.9279	0.2916	0.1664	0.6752	-0.0467	0.2191
18.01	3.4328	0.2704	0.4767	0.7387	-0.0499	0.2371
20.03	4.0409	0.2523	1.1574	0.7742	-0.0532	0.2497
22.01	4.7224	0.2239	1.8504	0.8260	-0.0557	0.2665

TEST 1802 RUN 23 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.43	-0.2574	0.2477	-0.2487	-0.0636	0.0032	-0.0272
-1.45	-0.1390	0.2471	-0.1732	-0.0325	0.0009	-0.0136
-0.41	-0.0282	0.2454	-0.0793	-0.0068	-0.0010	-0.0016
0.66	0.0869	0.2467	0.0177	0.0249	-0.0032	0.0113
1.60	0.2018	0.2474	0.0989	0.0583	-0.0062	0.0254
2.68	0.3357	0.2482	0.1591	0.0935	-0.0089	0.0402
3.56	0.4428	0.2493	0.1983	0.1259	-0.0108	0.0525
5.70	0.7685	0.2566	0.2590	0.2136	-0.0153	0.0834
7.59	1.0715	0.2579	0.2970	0.2863	-0.0184	0.1037
9.59	1.4362	0.2571	0.3573	0.3601	-0.0221	0.1227
11.56	1.8518	0.2505	0.4716	0.4209	-0.0258	0.1387
13.58	2.3109	0.2454	0.7301	0.4744	-0.0297	0.1542
15.60	2.9059	0.2397	1.2523	0.5181	-0.0327	0.1675
17.59	3.4722	0.2296	1.9847	0.5644	-0.0394	0.1826
19.61	4.0328	0.2219	2.7118	0.6002	-0.0446	0.1944
21.59	4.6997	0.2168	3.3460	0.6011	-0.0575	0.1996
23.64	5.4304	0.2130	3.8775	0.6368	-0.0646	0.2124
25.62	6.1809	0.2075	4.3308	0.6882	-0.0695	0.2277
27.70	7.0076	0.2042	4.5667	0.7483	-0.0742	0.2459
29.65	7.8360	0.2004	4.7371	0.7957	-0.0803	0.2621

Table 4. Continued

(s) Continued

TEST 1802 RUN 24 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-3.09	-0.3351	0.2236	-0.3852	-0.0901	0.0033	-0.0325
-2.07	-0.2076	0.2238	-0.2950	-0.0556	0.0012	-0.0193
-1.10	-0.1025	0.2224	-0.2022	-0.0315	-0.0003	-0.0083
-0.11	-0.0023	0.2216	-0.0936	-0.0048	-0.0014	0.0015
0.89	0.1073	0.2234	0.0199	0.0217	-0.0033	0.0126
1.93	0.2336	0.2243	0.1208	0.0575	-0.0055	0.0262
2.95	0.3568	0.2246	0.2027	0.0905	-0.0076	0.0390
4.86	0.6177	0.2311	0.3301	0.1512	-0.0111	0.0614
6.91	0.9452	0.2354	0.4709	0.2316	-0.0146	0.0824
8.97	1.3222	0.2364	0.6276	0.2863	-0.0183	0.0966
10.83	1.7023	0.2299	0.8970	0.3254	-0.0227	0.1081
12.91	2.2209	0.2283	1.4111	0.3580	-0.0272	0.1191
14.91	2.7372	0.2274	2.0617	0.3834	-0.0305	0.1298
16.92	3.2688	0.2264	2.6889	0.3968	-0.0382	0.1369
19.03	3.9298	0.2256	3.1815	0.4357	-0.0429	0.1496
20.91	4.5301	0.2278	3.5121	0.4812	-0.0467	0.1633
22.89	5.2068	0.2303	3.7970	0.5284	-0.0513	0.1783
24.86	5.8964	0.2377	4.0020	0.5758	-0.0557	0.1936
26.91	6.6337	0.2476	4.1959	0.6256	-0.0610	0.2104
28.88	7.3400	0.2529	4.2715	0.6778	-0.0666	0.2282

TEST 1629 RUN 26 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	-0.2703	0.2202	-0.2256	-0.0524	0.0047	-0.0248
-1.00	-0.1581	0.2203	-0.1214	-0.0239	0.0029	-0.0137
-0.03	-0.0514	0.2202	-0.0113	-0.0010	0.0009	-0.0034
1.03	0.0653	0.2215	0.1321	0.0229	-0.0004	0.0064
1.98	0.1692	0.2241	0.2458	0.0487	-0.0020	0.0170
3.00	0.2882	0.2257	0.3619	0.0812	-0.0037	0.0286
4.05	0.4174	0.2281	0.4647	0.1134	-0.0053	0.0396
6.00	0.6965	0.2353	0.6445	0.1731	-0.0079	0.0585
8.04	1.0244	0.2374	0.8509	0.2316	-0.0105	0.0737
10.04	1.4135	0.2403	1.1286	0.2704	-0.0156	0.0848
12.02	1.8776	0.2389	1.5588	0.3013	-0.0223	0.0957
13.97	2.3496	0.2374	2.0587	0.3328	-0.0237	0.1055
15.99	2.8921	0.2412	2.5757	0.3631	-0.0297	0.1158
17.99	3.4666	0.2463	2.9631	0.3977	-0.0342	0.1275
20.04	4.0758	0.2468	3.2988	0.4441	-0.0390	0.1424
22.00	4.6877	0.2480	3.5757	0.4884	-0.0428	0.1561
23.98	5.3356	0.2574	3.7059	0.5431	-0.0475	0.1727
25.97	6.0137	0.2675	3.8091	0.5891	-0.0528	0.1892
27.98	6.7533	0.2768	3.8947	0.6333	-0.0583	0.2061
29.99	7.4961	0.2838	3.9614	0.6762	-0.0644	0.2233

Table 4. Continued

(s) Concluded

TEST 1629 RUN 29 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.03	-0.2582	0.1983	-0.3096	-0.0368	0.0036	-0.0197
-1.00	-0.1399	0.2000	-0.1721	-0.0125	0.0018	-0.0098
0.00	-0.0340	0.2018	-0.0216	0.0158	0.0006	-0.0004
1.04	0.0775	0.2023	0.1418	0.0377	-0.0005	0.0081
2.01	0.1795	0.2025	0.2762	0.0601	-0.0016	0.0173
3.02	0.2992	0.2030	0.4073	0.0872	-0.0027	0.0268
4.04	0.4276	0.2050	0.5416	0.1214	-0.0035	0.0362
5.99	0.6890	0.2127	0.7999	0.1605	-0.0058	0.0489
7.99	1.0186	0.2180	1.0727	0.1950	-0.0089	0.0592
9.95	1.4000	0.2186	1.3902	0.2172	-0.0134	0.0674
11.99	1.8454	0.2214	1.7525	0.2471	-0.0159	0.0772
14.01	2.3192	0.2266	2.0701	0.2767	-0.0194	0.0872
15.95	2.7915	0.2312	2.3675	0.3070	-0.0229	0.0978
18.02	3.3244	0.2366	2.6741	0.3477	-0.0265	0.1109
20.02	3.8641	0.2456	2.8857	0.3822	-0.0303	0.1240
21.98	4.4285	0.2532	3.0449	0.4160	-0.0350	0.1376
24.01	5.0318	0.2653	3.1928	0.4563	-0.0398	0.1527
25.98	5.6457	0.2747	3.3007	0.4902	-0.0462	0.1674
28.02	6.3141	0.2932	3.4201	0.5375	-0.0526	0.1846
30.07	6.9956	0.3133	3.5392	0.5867	-0.0584	0.2021

TEST 1629 RUN 30 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.98	-0.2342	0.1687	-0.2050	-0.0435	0.0020	-0.0157
-1.07	-0.1428	0.1680	-0.0689	-0.0280	0.0013	-0.0097
0.04	-0.0285	0.1677	0.0929	-0.0087	0.0003	-0.0011
0.99	0.0620	0.1682	0.2248	0.0129	-0.0007	0.0055
2.00	0.1671	0.1725	0.3739	0.0271	-0.0011	0.0121
3.05	0.2799	0.1761	0.5185	0.0492	-0.0022	0.0196
4.01	0.3882	0.1791	0.6503	0.0726	-0.0030	0.0260
6.02	0.6465	0.1858	0.9531	0.1020	-0.0046	0.0357
7.96	0.9578	0.1918	1.2309	0.1262	-0.0068	0.0437
10.00	1.3228	0.2015	1.5611	0.1464	-0.0091	0.0513
12.03	1.6919	0.2111	1.8769	0.1709	-0.0115	0.0599
14.03	2.0828	0.2199	2.1802	0.1935	-0.0144	0.0684
15.99	2.5005	0.2285	2.4380	0.2226	-0.0171	0.0781
18.01	2.9632	0.2429	2.6835	0.2461	-0.0205	0.0881
19.99	3.4511	0.2552	2.9117	0.2829	-0.0247	0.1010
22.01	3.9854	0.2717	3.1249	0.3271	-0.0295	0.1163
24.07	4.5737	0.2922	3.3233	0.3717	-0.0352	0.1328
26.00	5.1626	0.3148	3.5315	0.4162	-0.0402	0.1487
28.09	5.8279	0.3406	3.7638	0.4606	-0.0456	0.1649
29.93	6.4303	0.3584	3.9183	0.5033	-0.0502	0.1805

Table 4. Continued

(t) Fin 7 at $\delta = 10^\circ$ TEST 1056 RUN 85 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.18	0.3354	0.1928	-0.9479	0.1944	-0.0121	0.0862
-0.99	0.3592	0.1952	-0.9409	0.2004	-0.0123	0.0889
0.02	0.4957	0.2064	-0.9389	0.2542	-0.0129	0.1068
1.03	0.6388	0.2161	-0.9371	0.3074	-0.0132	0.1236
2.04	0.7831	0.2244	-0.9349	0.3578	-0.0127	0.1392
3.30	0.9656	0.2391	-0.9341	0.4232	-0.0099	0.1576
4.07	1.0768	0.2455	-0.9225	0.4600	-0.0069	0.1653
6.01	1.4116	0.2761	-1.0193	0.5824	-0.0058	0.1957
8.07	1.8175	0.3018	-1.2221	0.6949	-0.0007	0.2229
10.07	2.2425	0.3154	-1.4773	0.7973	0.0048	0.2468
12.06	2.6925	0.3324	-1.7296	0.8965	0.0093	0.2707
14.08	3.1682	0.3344	-1.9458	0.9862	0.0140	0.2925
16.04	3.6420	0.3369	-2.1060	1.0587	0.0198	0.3092
18.03	4.1182	0.3347	-2.1472	1.1172	0.0255	0.3203
20.11	4.6147	0.3221	-2.1018	1.1797	0.0284	0.3317
22.04	5.0670	0.3061	-2.1647	1.2195	0.0332	0.3375

TEST 1056 RUN 84 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.18	0.3549	0.2032	-0.9709	0.1929	-0.0168	0.0886
-0.92	0.3901	0.2085	-0.9699	0.2043	-0.0173	0.0932
0.01	0.5212	0.2160	-0.9802	0.2562	-0.0191	0.1103
1.01	0.6681	0.2266	-0.9912	0.3116	-0.0207	0.1276
2.02	0.8126	0.2356	-0.9999	0.3586	-0.0215	0.1428
3.06	0.9650	0.2481	-1.0045	0.4059	-0.0206	0.1564
4.01	1.1041	0.2560	-1.0009	0.4494	-0.0184	0.1664
6.02	1.4625	0.2893	-1.1328	0.5719	-0.0215	0.1978
8.14	1.8835	0.3209	-1.3510	0.6918	-0.0210	0.2280
10.02	2.3067	0.3328	-1.6213	0.7985	-0.0203	0.2541
12.03	2.7699	0.3410	-1.8618	0.8886	-0.0201	0.2773
14.38	3.3024	0.3595	-1.9922	0.9804	-0.0205	0.3009
16.04	3.6849	0.3490	-2.0405	1.0353	-0.0198	0.3129
18.01	4.1648	0.3355	-2.1176	1.1018	-0.0183	0.3270
20.04	4.5961	0.3225	-2.1737	1.1591	-0.0172	0.3416

Table 4. Continued

(t) Continued

TEST 1056 RUN 92 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.15	0.3668	0.3146	-0.9676	0.2002	-0.0248	0.0852
-0.94	0.3973	0.3148	-0.9699	0.2139	-0.0258	0.0894
0.02	0.5397	0.3247	-1.0022	0.2579	-0.0298	0.1061
1.05	0.6919	0.3344	-1.0136	0.3161	-0.0335	0.1238
2.03	0.8310	0.3428	-1.0069	0.3608	-0.0364	0.1382
3.01	0.9627	0.3545	-0.9488	0.4070	-0.0384	0.1509
4.03	1.1161	0.3680	-0.9411	0.4551	-0.0403	0.1627
6.01	1.4442	0.4098	-0.9683	0.5620	-0.0484	0.1913
8.03	1.8213	0.4495	-1.0734	0.6678	-0.0554	0.2194
10.03	2.2501	0.4686	-1.2577	0.7606	-0.0625	0.2448
12.05	2.6758	0.4675	-1.2895	0.8329	-0.0682	0.2656
14.08	3.1023	0.4870	-1.1214	0.8841	-0.0707	0.2819
16.03	3.5364	0.4791	-0.9053	0.9322	-0.0719	0.2962
18.12	4.0387	0.4728	-0.5218	0.9784	-0.0750	0.3116
20.01	4.5576	0.4552	0.0444	0.9983	-0.0801	0.3218
22.38	5.3431	0.4274	1.4845	1.0056	-0.0900	0.3313

TEST 1802 RUN 26 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.37	0.1550	0.2860	-1.1996	0.1380	-0.0150	0.0586
-1.29	0.2925	0.2938	-1.1319	0.1818	-0.0182	0.0749
-0.30	0.4126	0.3019	-1.0762	0.2226	-0.0210	0.0887
0.70	0.5326	0.3092	-1.0162	0.2618	-0.0233	0.1015
1.68	0.6518	0.3164	-0.9477	0.3013	-0.0255	0.1134
2.78	0.7883	0.3249	-0.8699	0.3520	-0.0280	0.1268
3.78	0.9212	0.3334	-0.7979	0.3958	-0.0296	0.1384
5.71	1.1994	0.3519	-0.7011	0.4642	-0.0322	0.1555
7.73	1.5242	0.3693	-0.6119	0.5327	-0.0366	0.1747
9.73	1.9006	0.3841	-0.5231	0.6020	-0.0423	0.1939
11.79	2.2919	0.3929	-0.2425	0.6637	-0.0469	0.2114
13.69	2.7214	0.4004	0.1164	0.7171	-0.0518	0.2281
15.75	3.3238	0.4033	0.7326	0.7559	-0.0568	0.2433
17.72	3.8486	0.4000	1.4607	0.7887	-0.0655	0.2599
19.86	4.4501	0.3957	2.2695	0.8133	-0.0759	0.2746
21.73	5.0510	0.3826	2.8616	0.7964	-0.0993	0.2815
23.77	5.7869	0.3786	3.4454	0.8091	-0.1106	0.2925
25.73	6.4847	0.3800	3.7162	0.8518	-0.1256	0.3079
27.69	7.3196	0.3896	3.9947	0.9173	-0.1288	0.3289
29.77	8.1747	0.4007	4.1675	0.9618	-0.1322	0.3451

Table 4. Continued

(t) Continued

TEST 1802 RUN 30 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.97	0.0497	0.2501	-1.2320	0.1025	-0.0094	0.0423
-1.88	0.1823	0.2565	-1.1400	0.1347	-0.0118	0.0556
-1.00	0.2849	0.2626	-1.0651	0.1577	-0.0138	0.0651
0.03	0.4047	0.2688	-0.9675	0.1917	-0.0159	0.0763
1.04	0.5216	0.2767	-0.8640	0.2315	-0.0179	0.0875
2.11	0.6451	0.2836	-0.7524	0.2656	-0.0199	0.0974
3.05	0.7593	0.2905	-0.6516	0.2983	-0.0212	0.1061
5.03	1.0199	0.3060	-0.4474	0.3642	-0.0243	0.1236
7.02	1.3111	0.3230	-0.2274	0.4173	-0.0276	0.1385
9.09	1.6765	0.3376	0.0032	0.4825	-0.0336	0.1571
10.92	2.0526	0.3432	0.3190	0.5182	-0.0422	0.1713
13.09	2.5785	0.3466	0.9687	0.5565	-0.0524	0.1863
15.04	3.0840	0.3531	1.5933	0.5831	-0.0529	0.1988
17.03	3.6017	0.3458	2.1996	0.5800	-0.0685	0.2088
19.06	4.2321	0.3525	2.5929	0.6129	-0.0782	0.2240
21.06	4.8952	0.3659	2.9137	0.6561	-0.0851	0.2417
23.12	5.6102	0.3713	3.1455	0.6954	-0.0946	0.2590
25.03	6.2675	0.3917	3.3305	0.7427	-0.1037	0.2760
26.99	6.9716	0.4071	3.5372	0.7902	-0.1104	0.2931
29.02	7.6939	0.4263	3.6447	0.8506	-0.1151	0.3144

TEST 1629 RUN 32 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	0.0791	0.2500	-1.1076	0.1206	-0.0102	0.0458
-0.99	0.1971	0.2565	-1.0030	0.1431	-0.0121	0.0553
0.01	0.3144	0.2643	-0.8915	0.1680	-0.0140	0.0649
0.99	0.4210	0.2710	-0.7775	0.1946	-0.0161	0.0737
2.03	0.5405	0.2792	-0.6395	0.2279	-0.0178	0.0828
3.01	0.6517	0.2865	-0.5064	0.2640	-0.0195	0.0909
4.02	0.7662	0.2955	-0.3792	0.3036	-0.0211	0.0998
6.05	1.0339	0.3105	-0.0943	0.3596	-0.0244	0.1153
8.04	1.3268	0.3269	0.1862	0.4141	-0.0291	0.1312
10.03	1.7166	0.3372	0.4865	0.4443	-0.0382	0.1453
12.04	2.1675	0.3396	0.9655	0.4718	-0.0499	0.1600
14.04	2.6660	0.3493	1.4618	0.5029	-0.0512	0.1729
15.98	3.1817	0.3560	1.9205	0.5195	-0.0616	0.1851
18.05	3.7955	0.3652	2.2905	0.5582	-0.0692	0.2006
20.03	4.3968	0.3770	2.5603	0.6031	-0.0753	0.2173
21.97	5.0104	0.3852	2.7600	0.6467	-0.0829	0.2334
23.98	5.6711	0.4047	2.8745	0.7024	-0.0909	0.2524
26.02	6.3767	0.4258	2.9850	0.7623	-0.0978	0.2731
27.99	7.0895	0.4435	3.1099	0.8142	-0.1034	0.2924
29.98	7.8242	0.4604	3.1888	0.8726	-0.1141	0.3136

Table 4. Continued

(t) Concluded

TEST 1629 RUN 35 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.01	0.0399	0.2256	-1.0241	0.1143	-0.0074	0.0362
-1.06	0.1492	0.2308	-0.9040	0.1391	-0.0090	0.0447
-0.02	0.2608	0.2389	-0.7525	0.1650	-0.0107	0.0531
1.07	0.3784	0.2434	-0.5795	0.1970	-0.0121	0.0615
2.08	0.4897	0.2491	-0.4161	0.2270	-0.0131	0.0690
3.05	0.5908	0.2558	-0.2618	0.2599	-0.0148	0.0771
3.97	0.6990	0.2620	-0.1115	0.2759	-0.0158	0.0830
6.02	0.9634	0.2776	0.2260	0.3251	-0.0186	0.0978
7.99	1.2715	0.2946	0.5113	0.3550	-0.0235	0.1106
9.96	1.6907	0.2974	0.7486	0.3766	-0.0335	0.1234
11.98	2.1290	0.3064	1.0903	0.4065	-0.0379	0.1359
14.05	2.6213	0.3178	1.3824	0.4337	-0.0452	0.1499
15.98	3.1033	0.3294	1.6484	0.4675	-0.0510	0.1644
18.03	3.6512	0.3462	1.8867	0.5058	-0.0571	0.1811
19.97	4.1854	0.3624	2.0639	0.5473	-0.0628	0.1977
22.01	4.7820	0.3820	2.2019	0.5988	-0.0697	0.2174
23.98	5.3969	0.4015	2.2955	0.6500	-0.0790	0.2383
26.01	6.0402	0.4276	2.3542	0.7058	-0.0892	0.2605
28.04	6.7059	0.4567	2.4182	0.7664	-0.0996	0.2834
30.02	7.3873	0.4874	2.4706	0.8263	-0.1089	0.3051

TEST 1629 RUN 36 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.02	-0.0305	0.1835	-0.7404	0.0593	-0.0055	0.0266
-1.03	0.0686	0.1875	-0.6085	0.0804	-0.0062	0.0325
-0.04	0.1751	0.1930	-0.4637	0.1086	-0.0070	0.0404
1.07	0.2851	0.1997	-0.3066	0.1262	-0.0088	0.0470
1.97	0.3709	0.2090	-0.1661	0.1414	-0.0098	0.0525
3.04	0.4837	0.2176	0.0129	0.1638	-0.0113	0.0603
4.04	0.6000	0.2241	0.1664	0.1814	-0.0127	0.0669
5.99	0.8506	0.2376	0.4565	0.2099	-0.0145	0.0779
8.04	1.2011	0.2497	0.6965	0.2358	-0.0205	0.0894
10.05	1.5613	0.2641	0.9747	0.2680	-0.0261	0.1018
12.03	1.9429	0.2826	1.2402	0.2988	-0.0311	0.1144
14.06	2.3610	0.3011	1.5141	0.3345	-0.0365	0.1289
15.97	2.7801	0.3195	1.7125	0.3728	-0.0422	0.1443
18.03	3.2610	0.3439	1.9103	0.4251	-0.0499	0.1642
19.97	3.7715	0.3677	2.0675	0.4676	-0.0583	0.1833
22.00	4.3443	0.3962	2.1945	0.5258	-0.0679	0.2065
24.07	4.9701	0.4312	2.3203	0.5824	-0.0785	0.2309
25.98	5.5770	0.4665	2.4382	0.6382	-0.0879	0.2536
27.95	6.2288	0.5015	2.5859	0.6983	-0.0970	0.2770
30.00	6.9321	0.5326	2.6871	0.7527	-0.1062	0.3004

Table 4. Continued

(u) Fin 7 at $\delta = -10^\circ$ TEST 1056 RUN 91 $M = 0.60$ $R/ft = 2.7 \times 10^6$

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.32	-0.7044	0.2198	1.0102	-0.3449	0.0103	-0.1262
-0.75	-0.6226	0.2122	1.0100	-0.3158	0.0106	-0.1171
0.05	-0.5097	0.2105	1.0098	-0.2741	0.0107	-0.1036
1.03	-0.3750	0.1978	1.0150	-0.2252	0.0103	-0.0870
2.03	-0.2410	0.1878	1.0281	-0.1760	0.0095	-0.0693
3.01	-0.1142	0.1773	1.0372	-0.1269	0.0081	-0.0513
4.01	0.0098	0.1696	1.0561	-0.0849	0.0068	-0.0347
6.03	0.2554	0.1597	1.1221	-0.0190	0.0039	-0.0061
8.06	0.4906	0.1442	1.2449	0.0359	0.0038	0.0172
10.01	0.7519	0.1153	1.3647	0.1009	0.0044	0.0427
12.01	1.0551	0.0882	1.4819	0.1735	0.0060	0.0699
14.01	1.3875	0.0634	1.6101	0.2513	0.0079	0.0973
16.10	1.7736	0.0341	1.7298	0.3440	0.0109	0.1251
18.03	2.1601	-0.0125	1.8542	0.4160	0.0153	0.1454
20.02	2.6011	-0.0400	1.9243	0.4917	0.0201	0.1602
22.03	3.0836	-0.1024	1.7313	0.5976	0.0168	0.1879

TEST 1056 RUN 90 $M = 0.90$ $R/ft = 2.0 \times 10^6$

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.26	-0.7245	0.2383	1.0881	-0.3449	0.0186	-0.1319
-0.98	-0.6803	0.2305	1.0835	-0.3341	0.0183	-0.1281
0.00	-0.5397	0.2168	1.0786	-0.2774	0.0174	-0.1110
1.01	-0.3949	0.2080	1.0705	-0.2204	0.0157	-0.0926
2.03	-0.2497	0.1942	1.0646	-0.1714	0.0134	-0.0741
3.03	-0.1136	0.1834	1.0641	-0.1200	0.0108	-0.0547
4.01	0.0188	0.1750	1.0748	-0.0818	0.0082	-0.0380
6.06	0.2761	0.1634	1.1311	-0.0141	0.0043	-0.0084
8.01	0.5132	0.1545	1.2556	0.0417	0.0049	0.0140
10.01	0.7977	0.1309	1.3794	0.1120	0.0041	0.0415
12.01	1.1165	0.1049	1.5233	0.1860	0.0047	0.0689
14.02	1.4774	0.0718	1.6806	0.2652	0.0051	0.0966
16.02	1.8605	0.0422	1.8395	0.3537	0.0063	0.1227
18.01	2.2841	0.0013	1.9618	0.4354	0.0085	0.1447
20.02	2.7571	-0.0447	1.8083	0.5441	0.0053	0.1701
22.01	3.2072	-0.1132	1.5986	0.6279	0.0008	0.1960

Table 4. Continued

(u) Continued

TEST 1056 RUN 89 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.25	-0.6917	0.3565	1.1262	-0.3318	0.0351	-0.1320
-1.00	-0.6540	0.3452	1.1228	-0.3142	0.0342	-0.1274
0.02	-0.5048	0.3301	1.1100	-0.2634	0.0312	-0.1109
1.02	-0.3614	0.3170	1.0919	-0.2133	0.0270	-0.0932
2.01	-0.2249	0.3089	1.1083	-0.1629	0.0228	-0.0746
3.04	-0.0918	0.2938	1.1678	-0.1158	0.0183	-0.0561
4.00	0.0375	0.2929	1.1923	-0.0802	0.0143	-0.0403
6.01	0.2977	0.2987	1.3054	-0.0183	0.0073	-0.0109
8.06	0.5696	0.2904	1.4731	0.0546	0.0035	0.0166
10.00	0.8635	0.2742	1.6495	0.1110	0.0007	0.0413
12.03	1.2139	0.2511	1.8587	0.1768	-0.0033	0.0680
14.01	1.5952	0.2286	2.1155	0.2463	-0.0074	0.0931
16.12	2.0385	0.2024	2.4354	0.3211	-0.0091	0.1150
18.02	2.4960	0.1779	2.7642	0.3893	-0.0100	0.1312
20.02	3.0776	0.1444	3.2277	0.4611	-0.0141	0.1472
22.00	3.7785	0.1031	4.1473	0.5066	-0.0188	0.1637

TEST 1802 RUN 27 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.83	-0.7921	0.3201	0.7992	-0.3451	0.0271	-0.1247
-1.93	-0.6713	0.3120	0.8644	-0.3049	0.0251	-0.1135
-0.88	-0.5412	0.3033	0.9319	-0.2612	0.0228	-0.1005
0.11	-0.4164	0.2954	0.9973	-0.2195	0.0203	-0.0872
1.15	-0.2820	0.2869	1.0569	-0.1740	0.0173	-0.0715
2.14	-0.1576	0.2803	1.1147	-0.1410	0.0146	-0.0580
3.13	-0.0337	0.2744	1.1716	-0.1029	0.0117	-0.0437
5.18	0.2374	0.2634	1.3022	-0.0422	0.0060	-0.0166
7.16	0.4955	0.2533	1.4698	0.0163	0.0030	0.0064
9.11	0.7970	0.2411	1.6991	0.0711	0.0009	0.0287
11.17	1.1602	0.2236	1.9967	0.1241	-0.0014	0.0515
13.13	1.5373	0.2048	2.3546	0.1751	-0.0035	0.0700
15.08	2.0617	0.1872	2.9327	0.2210	-0.0035	0.0838
17.12	2.6334	0.1702	3.6527	0.2635	-0.0069	0.0939
19.18	3.2401	0.1550	4.3185	0.3130	-0.0100	0.1063
21.10	3.8523	0.1451	4.8995	0.3304	-0.0141	0.1107
23.16	4.5971	0.1333	5.5116	0.3620	-0.0165	0.1191
25.26	5.3830	0.1177	5.9573	0.4110	-0.0172	0.1330
27.12	6.1319	0.1036	6.2501	0.4700	-0.0210	0.1510
29.16	6.9720	0.0928	6.4270	0.5188	-0.0262	0.1663

Table 4. Continued

(u) Continued

TEST 1802 RUN 29 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-3.70	-0.8203	0.2928	0.4778	-0.3091	0.0220	-0.1092
-2.62	-0.6873	0.2839	0.5965	-0.2697	0.0204	-0.0985
-1.65	-0.5748	0.2769	0.6951	-0.2394	0.0187	-0.0895
-0.55	-0.4524	0.2697	0.8007	-0.2009	0.0166	-0.0784
0.35	-0.3424	0.2631	0.8873	-0.1684	0.0148	-0.0681
1.38	-0.2232	0.2565	0.9774	-0.1411	0.0127	-0.0571
2.35	-0.1019	0.2511	1.0620	-0.1119	0.0106	-0.0451
4.38	0.1591	0.2404	1.2359	-0.0490	0.0060	-0.0208
6.41	0.4288	0.2307	1.4347	0.0048	0.0026	0.0012
8.41	0.7386	0.2204	1.7290	0.0505	0.0013	0.0205
10.48	1.1197	0.2088	2.1282	0.0902	-0.0006	0.0378
12.42	1.5827	0.1969	2.6256	0.1297	-0.0034	0.0521
14.46	2.0894	0.1874	3.3203	0.1635	-0.0036	0.0622
16.42	2.6050	0.1827	3.9294	0.1959	-0.0059	0.0667
18.42	3.2110	0.1737	4.4281	0.2254	-0.0070	0.0756
20.39	3.8368	0.1637	4.7653	0.2702	-0.0098	0.0898
22.39	4.4928	0.1591	5.1078	0.3159	-0.0143	0.1041
24.41	5.1845	0.1576	5.3850	0.3592	-0.0189	0.1181
26.38	5.8781	0.1557	5.6192	0.4054	-0.0229	0.1315
28.51	6.6249	0.1516	5.7721	0.4615	-0.0282	0.1481

TEST 1629 RUN 33 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.96	-0.6198	0.2765	0.6380	-0.2561	0.0181	-0.0880
-0.97	-0.5070	0.2699	0.7650	-0.2250	0.0166	-0.0801
-0.04	-0.4047	0.2655	0.8677	-0.1977	0.0151	-0.0724
1.00	-0.2872	0.2594	0.9918	-0.1704	0.0131	-0.0629
2.06	-0.1729	0.2541	1.1060	-0.1416	0.0110	-0.0529
2.99	-0.0662	0.2503	1.2062	-0.1152	0.0095	-0.0433
4.00	0.0660	0.2450	1.3180	-0.0867	0.0073	-0.0320
6.00	0.3285	0.2361	1.5331	-0.0325	0.0036	-0.0104
8.02	0.6289	0.2309	1.8109	0.0115	0.0020	0.0084
10.06	0.9909	0.2235	2.2067	0.0468	-0.0002	0.0256
12.02	1.4272	0.2131	2.6651	0.0817	-0.0034	0.0390
14.04	1.9377	0.2036	3.2014	0.1219	-0.0026	0.0519
15.97	2.4483	0.2034	3.6593	0.1538	-0.0033	0.0587
17.99	3.0292	0.1907	4.0633	0.1914	-0.0082	0.0698
20.01	3.6250	0.1867	4.4051	0.2255	-0.0127	0.0810
22.01	4.2407	0.1847	4.7474	0.2517	-0.0162	0.0909
24.05	4.8751	0.1801	4.9512	0.2752	-0.0206	0.1013
26.01	5.5267	0.1819	5.1150	0.3128	-0.0254	0.1138
28.03	6.2313	0.1821	5.2738	0.3531	-0.0310	0.1272
30.05	6.9579	0.1826	5.4597	0.3935	-0.0361	0.1407

Table 4. Continued

(u) Concluded

TEST 1629 RUN 34 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.94	-0.5159	0.2512	0.4067	-0.2197	0.0144	-0.0744
-0.97	-0.4151	0.2456	0.5630	-0.1898	0.0130	-0.0670
0.01	-0.3122	0.2401	0.7170	-0.1650	0.0112	-0.0601
1.00	-0.2062	0.2358	0.8605	-0.1362	0.0105	-0.0522
2.01	-0.0947	0.2302	0.9976	-0.1166	0.0084	-0.0446
3.06	0.0282	0.2252	1.1312	-0.0895	0.0068	-0.0349
4.04	0.1509	0.2205	1.2525	-0.0630	0.0054	-0.0260
6.06	0.4254	0.2155	1.5019	-0.0166	0.0033	-0.0074
8.04	0.7386	0.2042	1.7840	0.0172	0.0026	0.0073
10.01	1.1326	0.1995	2.1311	0.0494	0.0012	0.0200
11.98	1.5600	0.1961	2.4730	0.0976	-0.0020	0.0334
14.04	2.0314	0.1915	2.8050	0.1213	-0.0046	0.0409
15.99	2.4939	0.1904	3.1217	0.1535	-0.0071	0.0499
18.01	3.0039	0.1929	3.4592	0.1813	-0.0108	0.0594
20.01	3.5170	0.1963	3.7340	0.2010	-0.0137	0.0674
21.98	4.0519	0.1984	3.9639	0.2319	-0.0167	0.0770
24.04	4.6358	0.2053	4.1890	0.2684	-0.0198	0.0881
26.01	5.2128	0.2088	4.3999	0.3034	-0.0231	0.0992
28.04	5.8328	0.2140	4.6033	0.3403	-0.0265	0.1114
30.02	6.4637	0.2202	4.7822	0.3774	-0.0301	0.1236

TEST 1629 RUN 37 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.04	-0.4737	0.2157	0.2323	-0.1398	0.0101	-0.0517
-1.06	-0.3741	0.2093	0.3978	-0.1265	0.0091	-0.0462
0.00	-0.2752	0.2031	0.5505	-0.1045	0.0073	-0.0389
1.01	-0.1689	0.1987	0.6994	-0.0806	0.0062	-0.0316
1.96	-0.0706	0.1956	0.8355	-0.0657	0.0052	-0.0263
2.98	0.0466	0.1935	0.9801	-0.0441	0.0042	-0.0197
4.03	0.1594	0.1904	1.1081	-0.0163	0.0030	-0.0123
6.06	0.4421	0.1881	1.3554	0.0078	0.0013	0.0005
7.98	0.7515	0.1905	1.6158	0.0367	-0.0001	0.0120
10.01	1.1016	0.1904	1.9396	0.0618	-0.0020	0.0211
11.98	1.4658	0.1949	2.2769	0.0832	-0.0033	0.0277
14.00	1.8437	0.1991	2.6149	0.1044	-0.0047	0.0338
15.98	2.2365	0.2056	2.9145	0.1218	-0.0065	0.0401
18.04	2.6923	0.2146	3.2225	0.1522	-0.0085	0.0487
20.00	3.1510	0.2160	3.5103	0.1784	-0.0104	0.0567
21.94	3.6387	0.2259	3.7849	0.2154	-0.0123	0.0666
23.97	4.1845	0.2391	4.0825	0.2548	-0.0149	0.0774
26.07	4.7765	0.2561	4.4040	0.2864	-0.0173	0.0879
28.02	5.3600	0.2747	4.7025	0.3157	-0.0194	0.0976
29.93	5.9644	0.2873	4.9744	0.3471	-0.0218	0.1077

Table 4. Continued

(v) Fin 8 at $\delta = 0^\circ$ TEST 1056 RUN 39 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.27	-0.3187	0.1638	0.2712	-0.0635	-0.0014	-0.0252
-1.00	-0.2557	0.1613	0.2269	-0.0466	-0.0010	-0.0191
0.01	-0.0461	0.1564	0.0950	0.0000	0.0000	0.0000
1.01	0.1627	0.1597	-0.0337	0.0449	0.0011	0.0192
2.01	0.3908	0.1554	-0.1962	0.0937	0.0026	0.0401
3.00	0.6258	0.1561	-0.3778	0.1500	0.0047	0.0622
4.05	0.8893	0.1506	-0.5903	0.2106	0.0079	0.0854
6.04	1.4317	0.1461	-1.0533	0.3363	0.0139	0.1308
8.00	2.0059	0.1420	-1.5682	0.4631	0.0206	0.1749
10.02	2.6241	0.1325	-2.0993	0.5941	0.0291	0.2150
12.02	3.2555	0.1184	-2.5674	0.7168	0.0383	0.2505
14.00	3.8689	0.1028	-2.9605	0.8370	0.0488	0.2808
16.01	4.5239	0.0811	-3.3804	0.9568	0.0629	0.3098
18.00	5.2432	0.0630	-3.8831	1.0859	0.0729	0.3397
20.03	5.9427	0.0371	-4.2069	1.1691	0.0840	0.3524
22.08	6.6987	0.0081	-4.5352	1.2790	0.0899	0.3785

TEST 1056 RUN 38 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.27	-0.3372	0.1721	0.2993	-0.0646	-0.0011	-0.0266
-1.00	-0.2718	0.1706	0.2413	-0.0495	-0.0012	-0.0202
0.00	-0.0536	0.1671	0.0928	0.0000	0.0000	0.0000
1.01	0.1626	0.1704	-0.0420	0.0526	0.0008	0.0207
2.02	0.4105	0.1629	-0.2495	0.1169	0.0008	0.0451
3.01	0.6755	0.1631	-0.4832	0.1698	0.0009	0.0692
4.00	0.9490	0.1582	-0.7434	0.2358	0.0019	0.0940
6.21	1.6168	0.1585	-1.4040	0.3999	0.0030	0.1522
8.02	2.2102	0.1537	-2.0143	0.5346	0.0021	0.1990
10.01	2.8772	0.1533	-2.6421	0.6740	0.0026	0.2436
12.42	3.6645	0.1438	-3.2379	0.8241	0.0061	0.2868
14.00	4.1873	0.1274	-3.5825	0.9348	0.0069	0.3132
16.01	4.8667	0.1038	-4.0471	1.0543	0.0096	0.3356
18.02	5.5081	0.0854	-4.3116	1.1705	0.0080	0.3650
20.01	6.2091	0.0692	-4.6787	1.2216	0.0047	0.3707
22.00	6.8522	0.0379	-4.9678	1.3014	0.0044	0.3914

Table 4. Continued

(v) Continued

TEST 1056 RUN 37 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.28	-0.3451	0.3028	0.3368	-0.0618	0.0038	-0.0278
-0.60	-0.1704	0.2958	0.1678	-0.0256	0.0011	-0.0121
0.03	-0.0218	0.2960	0.0338	0.0000	0.0000	0.0000
1.01	0.2073	0.2975	-0.1609	0.0448	-0.0026	0.0199
2.00	0.4561	0.2977	-0.3874	0.0993	-0.0063	0.0433
3.07	0.7273	0.2939	-0.5911	0.1641	-0.0101	0.0697
4.00	0.9848	0.2943	-0.8340	0.2264	-0.0129	0.0928
6.00	1.5566	0.3182	-1.3587	0.3519	-0.0193	0.1400
8.00	2.1502	0.3233	-1.8823	0.4743	-0.0265	0.1844
10.06	2.7818	0.3213	-2.3714	0.5944	-0.0349	0.2247
12.00	3.3692	0.3083	-2.6987	0.6947	-0.0431	0.2572
14.02	3.9918	0.3040	-2.9377	0.8192	-0.0494	0.2872
16.00	4.6469	0.2907	-3.1250	0.9134	-0.0535	0.3083
18.00	5.3278	0.2722	-3.1558	1.0008	-0.0574	0.3306
20.01	6.1019	0.2559	-2.8832	1.0692	-0.0597	0.3474
22.03	6.9086	0.2430	-2.5223	1.1230	-0.0618	0.3611

TEST 1802 RUN 114 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.05	-0.4544	0.2707	0.2367	-0.0983	0.0035	-0.0412
-1.03	-0.2262	0.2689	0.0813	-0.0517	0.0008	-0.0208
-0.03	-0.0155	0.2672	-0.0291	-0.0100	-0.0012	-0.0029
0.94	0.1833	0.2679	-0.1399	0.0314	-0.0032	0.0147
1.92	0.3982	0.2693	-0.2796	0.0816	-0.0058	0.0346
2.97	0.6421	0.2684	-0.4604	0.1345	-0.0085	0.0561
3.94	0.8610	0.2677	-0.6181	0.1807	-0.0104	0.0746
6.00	1.3541	0.2723	-0.9694	0.2734	-0.0140	0.1109
7.92	1.8494	0.2714	-1.2787	0.3634	-0.0175	0.1411
9.94	2.3743	0.2660	-1.4937	0.4482	-0.0225	0.1684
11.94	2.9154	0.2563	-1.5661	0.5306	-0.0268	0.1911
13.96	3.5183	0.2493	-1.4864	0.6062	-0.0303	0.2073
15.93	4.2316	0.2410	-1.1860	0.6626	-0.0347	0.2227
17.98	4.8919	0.2309	-0.6040	0.7171	-0.0399	0.2382
20.01	5.5705	0.2212	-0.0591	0.7642	-0.0457	0.2525
21.96	6.2835	0.2153	0.3724	0.7981	-0.0569	0.2647
23.98	7.1225	0.2089	0.7663	0.8450	-0.0639	0.2810
26.01	7.9729	0.2009	0.9798	0.9071	-0.0699	0.3000
28.00	8.8960	0.1975	1.0281	0.9661	-0.0756	0.3187
29.92	9.7905	0.1943	0.9403	1.0184	-0.0835	0.3370

Table 4. Continued

(v) Continued

TEST 1802 RUN 115 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.22	-0.4205	0.2466	0.1356	-0.0801	0.0031	-0.0331
-1.16	-0.2104	0.2438	0.0250	-0.0381	0.0007	-0.0152
-0.17	-0.0229	0.2440	-0.0424	-0.0009	-0.0004	-0.0001
0.80	0.1640	0.2438	-0.1048	0.0368	-0.0015	0.0149
1.80	0.3706	0.2452	-0.2021	0.0775	-0.0040	0.0324
2.80	0.5813	0.2457	-0.3087	0.1184	-0.0060	0.0492
3.77	0.7872	0.2458	-0.4088	0.1613	-0.0076	0.0649
5.83	1.2147	0.2452	-0.5811	0.2379	-0.0104	0.0928
7.80	1.6776	0.2473	-0.6903	0.3088	-0.0136	0.1164
9.77	2.1491	0.2460	-0.6784	0.3764	-0.0181	0.1358
11.85	2.7218	0.2427	-0.4441	0.4400	-0.0248	0.1525
13.81	3.3370	0.2393	-0.0462	0.4891	-0.0277	0.1664
15.83	3.9188	0.2381	0.4440	0.5288	-0.0325	0.1781
17.83	4.5562	0.2347	0.7994	0.5631	-0.0384	0.1894
19.82	5.2791	0.2347	1.0672	0.6094	-0.0416	0.2033
21.82	6.0112	0.2390	1.2455	0.6635	-0.0461	0.2192
23.81	6.7604	0.2420	1.3336	0.7121	-0.0507	0.2346
25.75	7.5540	0.2480	1.3377	0.7624	-0.0558	0.2512
27.87	8.3816	0.2529	1.2718	0.8019	-0.0613	0.2684
29.84	9.2302	0.2571	1.1767	0.8540	-0.0670	0.2869

TEST 1629 RUN 95 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.98	-0.4393	0.2343	0.2085	-0.0720	0.0030	-0.0310
-1.01	-0.2554	0.2344	0.1400	-0.0400	0.0011	-0.0170
-0.03	-0.0818	0.2352	0.0876	-0.0080	-0.0002	-0.0036
0.98	0.1065	0.2373	0.0492	0.0240	-0.0015	0.0097
2.06	0.2984	0.2390	0.0004	0.0581	-0.0035	0.0247
3.01	0.4857	0.2398	-0.0569	0.0885	-0.0055	0.0383
4.00	0.6792	0.2418	-0.1087	0.1220	-0.0069	0.0517
6.02	1.0817	0.2468	-0.1958	0.1847	-0.0092	0.0754
8.02	1.5196	0.2497	-0.2326	0.2378	-0.0125	0.0955
10.05	2.0059	0.2532	-0.1235	0.2965	-0.0176	0.1121
12.02	2.5408	0.2520	0.1302	0.3401	-0.0239	0.1248
13.98	3.0914	0.2547	0.4576	0.3807	-0.0264	0.1362
16.00	3.7059	0.2607	0.7878	0.4203	-0.0322	0.1490
17.99	4.3377	0.2615	1.0093	0.4578	-0.0364	0.1618
19.99	5.0112	0.2656	1.1838	0.4915	-0.0405	0.1753
22.04	5.7264	0.2659	1.3257	0.5225	-0.0445	0.1884
23.97	6.4188	0.2678	1.3129	0.5582	-0.0485	0.2021
26.00	7.2066	0.2803	1.2405	0.6019	-0.0540	0.2187
27.95	7.9739	0.2866	1.1452	0.6440	-0.0586	0.2342
30.03	8.8556	0.2974	1.0200	0.7033	-0.0638	0.2538

Table 4. Continued

(v) Concluded

TEST 1629 RUN 98 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.98	-0.3785	0.2189	-0.0046	-0.0564	0.0028	-0.0289
-0.96	-0.2120	0.2171	0.0025	-0.0282	0.0015	-0.0176
-0.03	-0.0580	0.2163	0.0227	-0.0040	0.0004	-0.0071
1.01	0.1138	0.2171	0.0428	0.0281	-0.0010	0.0051
1.98	0.2730	0.2190	0.0532	0.0611	-0.0021	0.0169
2.99	0.4503	0.2206	0.0604	0.0931	-0.0029	0.0286
4.03	0.6327	0.2224	0.0773	0.1233	-0.0037	0.0396
6.05	1.0021	0.2283	0.1310	0.1733	-0.0063	0.0581
7.98	1.3923	0.2311	0.2270	0.2201	-0.0087	0.0720
10.04	1.8814	0.2351	0.4081	0.2536	-0.0136	0.0836
12.02	2.3696	0.2366	0.6167	0.2789	-0.0167	0.0943
14.05	2.9045	0.2444	0.8052	0.3068	-0.0206	0.1055
16.01	3.4380	0.2507	0.9678	0.3323	-0.0241	0.1161
18.09	4.0387	0.2588	1.1298	0.3674	-0.0283	0.1295
20.03	4.6327	0.2657	1.1821	0.4063	-0.0324	0.1437
21.97	5.2510	0.2737	1.1916	0.4458	-0.0365	0.1585
24.06	5.9650	0.2804	1.1525	0.4927	-0.0419	0.1757
26.00	6.6506	0.2976	1.0744	0.5422	-0.0476	0.1934
28.04	7.4062	0.3114	0.9815	0.6029	-0.0541	0.2136
30.00	8.1687	0.3314	0.8799	0.6620	-0.0601	0.2334

TEST 1629 RUN 99 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.00	-0.3442	0.1840	0.0009	-0.0349	0.0019	-0.0175
-1.03	-0.2019	0.1807	0.0692	-0.0191	0.0009	-0.0099
0.06	-0.0522	0.1804	0.1168	0.0031	-0.0001	-0.0008
1.02	0.0813	0.1819	0.1640	0.0284	-0.0007	0.0076
2.02	0.2260	0.1863	0.2239	0.0502	-0.0015	0.0162
3.02	0.3741	0.1893	0.2799	0.0724	-0.0024	0.0247
4.04	0.5299	0.1938	0.3398	0.0930	-0.0029	0.0327
6.04	0.8626	0.2002	0.4730	0.1279	-0.0041	0.0467
8.10	1.2565	0.2009	0.6319	0.1543	-0.0068	0.0585
10.02	1.6441	0.2151	0.8380	0.1755	-0.0096	0.0677
12.00	2.0499	0.2269	1.0530	0.1852	-0.0121	0.0760
13.98	2.4970	0.2358	1.2383	0.1916	-0.0149	0.0849
15.97	2.9689	0.2482	1.3684	0.2072	-0.0182	0.0955
17.97	3.4932	0.2633	1.4766	0.2300	-0.0218	0.1075
20.02	4.0663	0.2797	1.5557	0.2578	-0.0264	0.1215
22.03	4.6850	0.2935	1.5882	0.2857	-0.0318	0.1370
24.06	5.3575	0.3138	1.5797	0.3180	-0.0379	0.1543
25.98	6.0109	0.3382	1.5699	0.3556	-0.0434	0.1711
28.00	6.7507	0.3631	1.5822	0.3983	-0.0488	0.1890
30.00	7.5226	0.3851	1.5346	0.4220	-0.0548	0.2057

Table 4. Continued

(w) Fin 8 at $\delta = 10^\circ$ TEST 1056 RUN 44 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.18	1.0793	0.3023	-2.3506	0.3446	-0.0029	0.1472
-0.86	1.1616	0.3062	-2.4197	0.3630	-0.0019	0.1543
0.00	1.3973	0.3277	-2.6308	0.4221	0.0004	0.1751
1.01	1.6761	0.3547	-2.8756	0.4881	0.0038	0.1981
2.00	1.9488	0.3751	-3.1207	0.5520	0.0079	0.2194
3.24	2.3024	0.4119	-3.4253	0.6403	0.0136	0.2457
4.01	2.5225	0.4344	-3.6088	0.6920	0.0177	0.2605
6.06	3.1074	0.4938	-4.0795	0.8286	0.0297	0.2977
9.06	3.9497	0.5618	-4.7180	1.0014	0.0507	0.3375
10.05	4.2409	0.5781	-4.9353	1.0472	0.0603	0.3440
12.07	4.7146	0.5975	-5.1465	1.1104	0.0769	0.3451
14.01	5.3418	0.6269	-5.5900	1.2268	0.0789	0.3672
16.06	5.9587	0.6475	-5.9438	1.3171	0.0741	0.3849
18.07	6.4942	0.6564	-6.0401	1.3753	0.0709	0.3991
20.00	7.0361	0.6494	-6.1897	1.4290	0.0674	0.4106
22.02	7.6735	0.6446	-6.4533	1.4754	0.0604	0.4221

TEST 1056 RUN 43 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.06	1.2456	0.3325	-2.6996	0.3572	-0.0180	0.1711
-0.70	1.3586	0.3430	-2.8228	0.3800	-0.0186	0.1808
0.02	1.5788	0.3641	-3.0541	0.4330	-0.0194	0.2005
1.05	1.8811	0.3947	-3.3653	0.5112	-0.0192	0.2261
2.04	2.1807	0.4226	-3.6684	0.5867	-0.0181	0.2496
3.04	2.4854	0.4574	-3.9767	0.6640	-0.0172	0.2729
4.01	2.7752	0.4836	-4.2525	0.7339	-0.0157	0.2934
6.04	3.3796	0.5536	-4.7807	0.8786	-0.0119	0.3320
8.08	4.0004	0.6116	-5.3630	1.0100	-0.0072	0.3638
10.02	4.3180	0.6230	-5.3523	1.0306	0.0033	0.3482
12.02	4.9531	0.6550	-5.9330	1.1366	0.0031	0.3728
14.02	5.5953	0.6743	-6.4015	1.2349	0.0038	0.3957
16.01	6.0813	0.6742	-6.4857	1.2885	0.0040	0.4004
18.05	6.4848	0.6597	-6.2292	1.2933	0.0016	0.3943
20.00	6.9502	0.6419	-6.1381	1.3339	-0.0066	0.4058
22.04	7.4909	0.6240	-6.2263	1.3712	-0.0126	0.4161

Table 4. Continued

(w) Continued

TEST 1056 RUN 45 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.09	1.1328	0.4444	-2.6651	0.3870	-0.0359	0.1616
-0.97	1.1674	0.4470	-2.7006	0.3877	-0.0363	0.1640
0.03	1.4474	0.4716	-3.0037	0.4356	-0.0402	0.1861
1.02	1.7240	0.4989	-3.3000	0.4986	-0.0437	0.2089
2.02	1.9951	0.5236	-3.5548	0.5695	-0.0468	0.2310
3.03	2.2595	0.5476	-3.7567	0.6355	-0.0500	0.2520
4.04	2.5287	0.5766	-3.9791	0.6973	-0.0530	0.2715
6.01	3.0612	0.6456	-4.3929	0.8166	-0.0588	0.3071
8.09	3.6242	0.7061	-4.7727	0.9261	-0.0652	0.3389
10.04	4.1723	0.7469	-5.1251	1.0241	-0.0690	0.3647
12.06	4.7417	0.7848	-5.4035	1.1157	-0.0710	0.3858
14.02	5.3064	0.8103	-5.6025	1.2068	-0.0727	0.4030
16.05	5.8912	0.8203	-5.6325	1.2811	-0.0741	0.4177
18.07	6.5041	0.8263	-5.5033	1.3406	-0.0780	0.4327
20.06	7.1562	0.8078	-4.9049	1.3649	-0.0845	0.4439
22.02	7.8434	0.8074	-4.2616	1.3880	-0.0889	0.4522

TEST 1802 RUN 118 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.06	0.7034	0.3725	-2.3963	0.1988	-0.0217	0.0974
-1.03	0.9416	0.3922	-2.5578	0.2459	-0.0244	0.1164
0.00	1.1665	0.4110	-2.7092	0.2948	-0.0265	0.1338
0.94	1.3799	0.4300	-2.8472	0.3424	-0.0280	0.1491
2.03	1.6170	0.4499	-2.9877	0.3929	-0.0298	0.1656
3.01	1.8265	0.4687	-3.1023	0.4416	-0.0312	0.1805
3.99	2.0366	0.4866	-3.2013	0.4825	-0.0327	0.1933
5.95	2.4487	0.5233	-3.3635	0.5732	-0.0348	0.2183
7.94	2.8877	0.5626	-3.4752	0.6515	-0.0379	0.2397
9.99	3.3857	0.5951	-3.5753	0.7326	-0.0432	0.2617
11.98	3.8820	0.6137	-3.5928	0.8009	-0.0468	0.2766
13.92	4.4517	0.6240	-3.5308	0.8580	-0.0540	0.2912
15.98	5.1731	0.6395	-3.1777	0.9073	-0.0623	0.3079
18.03	5.8329	0.6499	-2.5767	0.9649	-0.0744	0.3273
19.95	6.4366	0.6587	-1.8952	1.0050	-0.0868	0.3445
22.03	7.1659	0.6520	-1.3679	1.0123	-0.1094	0.3571
23.93	7.9237	0.6631	-0.9482	1.0418	-0.1177	0.3713
25.93	8.7099	0.6818	-0.6693	1.0839	-0.1200	0.3866
28.00	9.6264	0.7015	-0.5258	1.1285	-0.1235	0.4036
29.92	10.4410	0.7148	-0.4928	1.1755	-0.1301	0.4205

Table 4. Continued

(w) Continued

TEST 1802 RUN 119 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.19	0.5438	0.3326	-2.1451	0.1859	-0.0153	0.0800
-1.14	0.7531	0.3486	-2.2484	0.2262	-0.0172	0.0951
-0.14	0.9459	0.3636	-2.3251	0.2681	-0.0189	0.1093
0.85	1.1308	0.3786	-2.3960	0.3067	-0.0205	0.1220
1.84	1.3271	0.3949	-2.4580	0.3478	-0.0222	0.1348
2.82	1.5140	0.4106	-2.5107	0.3886	-0.0236	0.1467
3.80	1.6984	0.4257	-2.5526	0.4252	-0.0248	0.1580
5.80	2.0885	0.4592	-2.5947	0.5027	-0.0276	0.1801
7.86	2.5137	0.4897	-2.5634	0.5720	-0.0311	0.1999
9.85	2.9714	0.5098	-2.5006	0.6400	-0.0358	0.2162
11.84	3.5034	0.5268	-2.2620	0.6767	-0.0448	0.2263
13.81	4.0301	0.5423	-1.6663	0.7131	-0.0494	0.2383
15.81	4.6106	0.5528	-1.0913	0.7407	-0.0544	0.2506
17.81	5.2175	0.5610	-0.6895	0.7683	-0.0686	0.2654
19.80	5.9248	0.5807	-0.4701	0.8098	-0.0771	0.2831
21.84	6.6728	0.6020	-0.2476	0.8526	-0.0843	0.3009
23.83	7.4303	0.6234	-0.1882	0.8964	-0.0905	0.3171
25.90	8.2596	0.6531	-0.1664	0.9482	-0.0964	0.3362
27.77	9.0376	0.6813	-0.2075	1.0040	-0.1029	0.3569
29.86	9.8980	0.7132	-0.3499	1.0720	-0.1123	0.3822

TEST 1629 RUN 88 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	0.4357	0.3098	-1.9029	0.1049	-0.0137	0.0615
-0.96	0.6350	0.3254	-1.9633	0.1400	-0.0152	0.0742
-0.04	0.8000	0.3363	-2.0045	0.1712	-0.0167	0.0849
1.04	0.9964	0.3582	-2.0464	0.2046	-0.0185	0.0971
1.99	1.1684	0.3740	-2.0630	0.2349	-0.0202	0.1075
3.07	1.3424	0.3907	-2.0718	0.2697	-0.0217	0.1179
4.10	1.5289	0.4064	-2.0671	0.3015	-0.0231	0.1281
6.03	1.8894	0.4415	-2.0320	0.3650	-0.0256	0.1466
7.97	2.2734	0.4681	-1.9489	0.4221	-0.0294	0.1635
9.98	2.7121	0.4875	-1.7757	0.4816	-0.0345	0.1764
12.02	3.2660	0.5078	-1.5269	0.5178	-0.0462	0.1910
14.02	3.7972	0.5213	-1.0302	0.5457	-0.0493	0.2020
15.97	4.3456	0.5412	-0.6290	0.5749	-0.0575	0.2151
18.02	5.0281	0.5618	-0.4199	0.6067	-0.0648	0.2303
19.99	5.6833	0.5842	-0.2605	0.6459	-0.0698	0.2458
21.99	6.3831	0.5993	-0.1335	0.6776	-0.0745	0.2606
24.03	7.1427	0.6252	-0.2396	0.7232	-0.0811	0.2787
26.00	7.9189	0.6651	-0.3448	0.7773	-0.0884	0.2991
27.99	8.7476	0.6931	-0.4597	0.8380	-0.0955	0.3217
30.03	9.5963	0.7294	-0.6087	0.8968	-0.1044	0.3446

Table 4. Continued

(w) Concluded

TEST 1629 RUN 92 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.03	0.2961	0.2757	-1.6267	0.0806	-0.0098	0.0491
-0.95	0.4774	0.2906	-1.6247	0.1153	-0.0108	0.0605
0.01	0.6407	0.3049	-1.6123	0.1420	-0.0120	0.0701
1.03	0.8121	0.3186	-1.5886	0.1727	-0.0129	0.0801
1.95	0.9597	0.3314	-1.5625	0.1977	-0.0135	0.0885
2.97	1.1217	0.3449	-1.5164	0.2268	-0.0147	0.0976
3.97	1.2835	0.3604	-1.4575	0.2540	-0.0154	0.1059
6.04	1.6376	0.3884	-1.3344	0.3090	-0.0184	0.1229
8.00	2.0226	0.4115	-1.1531	0.3492	-0.0231	0.1359
9.96	2.4760	0.4307	-1.0064	0.3858	-0.0315	0.1470
12.00	2.9632	0.4468	-0.7326	0.4203	-0.0371	0.1609
13.99	3.4921	0.4674	-0.5794	0.4538	-0.0440	0.1751
15.98	4.0623	0.4912	-0.4759	0.4947	-0.0497	0.1912
18.00	4.6625	0.5184	-0.3928	0.5430	-0.0558	0.2090
19.96	5.2852	0.5468	-0.4090	0.5939	-0.0629	0.2273
21.97	5.9703	0.5786	-0.4612	0.6485	-0.0695	0.2481
23.99	6.6926	0.6163	-0.5723	0.7026	-0.0776	0.2700
25.98	7.4297	0.6578	-0.7212	0.7667	-0.0860	0.2932
27.96	8.1918	0.7056	-0.8865	0.8317	-0.0945	0.3167
30.04	9.0370	0.7537	-1.1080	0.9015	-0.1043	0.3428

TEST 1629 RUN 93 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.97	0.1459	0.2291	-1.1300	0.0511	-0.0083	0.0387
-0.98	0.2925	0.2387	-1.0868	0.0798	-0.0088	0.0479
0.01	0.4422	0.2495	-1.0609	0.1000	-0.0096	0.0560
1.04	0.5909	0.2621	-1.0303	0.1157	-0.0108	0.0639
2.05	0.7363	0.2770	-0.9795	0.1361	-0.0111	0.0719
3.05	0.8803	0.2901	-0.9064	0.1446	-0.0126	0.0785
4.04	1.0357	0.3043	-0.8379	0.1642	-0.0142	0.0859
6.03	1.3609	0.3293	-0.6750	0.1926	-0.0164	0.0979
8.02	1.7312	0.3424	-0.5113	0.2129	-0.0204	0.1074
9.97	2.1318	0.3692	-0.3485	0.2436	-0.0266	0.1198
11.99	2.5830	0.3984	-0.1974	0.2807	-0.0325	0.1335
14.01	3.0646	0.4287	-0.0887	0.3208	-0.0386	0.1495
16.01	3.5791	0.4622	-0.0520	0.3521	-0.0457	0.1666
18.01	4.1467	0.4995	-0.0755	0.3918	-0.0539	0.1863
20.01	4.7676	0.5449	-0.1363	0.4410	-0.0628	0.2084
21.98	5.4258	0.5905	-0.2481	0.4952	-0.0725	0.2322
24.03	6.1788	0.6451	-0.4016	0.5617	-0.0829	0.2596
26.04	6.9290	0.6985	-0.5250	0.6256	-0.0921	0.2855
28.01	7.7062	0.7542	-0.6409	0.6892	-0.1005	0.3110
29.92	8.4817	0.8016	-0.7866	0.7536	-0.1085	0.3354

Table 4. Continued

(x) Fin 8 at $\delta = -10^\circ$ TEST 1056 RUN 42 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.34	-1.8882	0.3805	3.2239	-0.5113	-0.0103	-0.1936
-0.90	-1.7635	0.3732	3.1129	-0.4834	-0.0083	-0.1839
0.00	-1.5170	0.3482	2.8952	-0.4236	-0.0051	-0.1635
1.03	-1.2361	0.3251	2.6420	-0.3557	-0.0019	-0.1394
2.12	-0.9431	0.2897	2.3884	-0.2828	0.0012	-0.1127
3.01	-0.7058	0.2660	2.1767	-0.2243	0.0033	-0.0908
4.01	-0.4483	0.2406	1.9532	-0.1674	0.0051	-0.0678
6.01	0.0468	0.1942	1.5492	-0.0620	0.0067	-0.0237
8.00	0.4839	0.1519	1.2922	0.0296	0.0079	0.0142
10.00	0.9402	0.1025	1.0832	0.1258	0.0123	0.0522
12.00	1.4548	0.0374	0.8366	0.2349	0.0182	0.0932
14.17	2.0566	-0.0310	0.5614	0.3585	0.0243	0.1392
16.00	2.6119	-0.1013	0.3098	0.4702	0.0302	0.1780
18.01	3.2426	-0.1746	0.0421	0.5899	0.0369	0.2165
20.04	3.9032	-0.2486	-0.2087	0.7027	0.0447	0.2497
22.01	4.5440	-0.3184	-0.4093	0.8011	0.0542	0.2728

TEST 1056 RUN 41 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.35	-2.0922	0.4224	3.7659	-0.5815	0.0142	-0.2140
-0.90	-1.9582	0.4086	3.6313	-0.5480	0.0146	-0.2033
0.01	-1.6844	0.3772	3.3450	-0.4740	0.0150	-0.1798
1.01	-1.3838	0.3484	3.0338	-0.3904	0.0141	-0.1520
2.01	-1.0818	0.3122	2.7187	-0.3165	0.0132	-0.1237
3.00	-0.7861	0.2886	2.4108	-0.2456	0.0123	-0.0963
4.00	-0.5034	0.2572	2.1283	-0.1808	0.0114	-0.0700
6.00	0.0434	0.2096	1.6132	-0.0580	0.0085	-0.0199
8.10	0.5392	0.1662	1.2981	0.0325	0.0083	0.0223
10.05	1.0245	0.1109	1.0528	0.1270	0.0112	0.0624
12.06	1.5991	0.0398	0.7479	0.2513	0.0138	0.1091
14.06	2.2191	-0.0369	0.4110	0.3852	0.0137	0.1583
16.04	2.8794	-0.1074	0.0821	0.5169	0.0128	0.2044
18.07	3.5871	-0.1846	-0.2377	0.6490	0.0134	0.2457
20.05	4.2915	-0.2562	-0.5363	0.7658	0.0139	0.2803
22.03	4.9387	-0.3239	-0.7834	0.8609	0.0180	0.3049

Table 4. Continued

(x) Continued

TEST 1056 RUN 40 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.30	-1.8432	0.5233	3.5810	-0.5042	0.0432	-0.1840
-1.00	-1.7581	0.5131	3.4872	-0.4832	0.0423	-0.1770
0.01	-1.4778	0.4809	3.2036	-0.4178	0.0392	-0.1547
1.00	-1.2045	0.4496	2.9172	-0.3553	0.0359	-0.1319
2.00	-0.9300	0.4174	2.6506	-0.2891	0.0323	-0.1074
3.02	-0.6684	0.3918	2.4487	-0.2251	0.0282	-0.0823
4.00	-0.4014	0.3707	2.1908	-0.1686	0.0240	-0.0586
6.02	0.1236	0.3452	1.7465	-0.0572	0.0134	-0.0119
8.00	0.6160	0.3092	1.4393	0.0311	0.0069	0.0285
10.02	1.1362	0.2666	1.1909	0.1274	0.0015	0.0708
12.02	1.7061	0.2102	0.9466	0.2415	-0.0054	0.1163
14.12	2.3611	0.1501	0.7149	0.3666	-0.0130	0.1619
16.02	2.9746	0.1004	0.5960	0.4775	-0.0194	0.1992
18.00	3.6504	0.0468	0.5843	0.5788	-0.0241	0.2312
20.04	4.4426	-0.0059	0.8783	0.6554	-0.0263	0.2542
22.15	5.2960	-0.0499	1.2947	0.7280	-0.0283	0.2719

TEST 1802 RUN 117 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.61	-1.6982	0.4588	2.9464	-0.4241	0.0300	-0.1715
-1.62	-1.4915	0.4399	2.8326	-0.3762	0.0284	-0.1567
-0.63	-1.2711	0.4196	2.6910	-0.3249	0.0269	-0.1407
0.42	-1.0379	0.3997	2.5395	-0.2734	0.0251	-0.1233
1.37	-0.8243	0.3823	2.3973	-0.2238	0.0229	-0.1059
2.39	-0.5794	0.3613	2.2171	-0.1799	0.0204	-0.0869
3.38	-0.3611	0.3442	2.0619	-0.1288	0.0179	-0.0683
5.37	0.1148	0.3070	1.7217	-0.0295	0.0111	-0.0284
7.36	0.5630	0.2734	1.4947	0.0582	0.0072	0.0067
9.40	1.0555	0.2358	1.3411	0.1476	0.0038	0.0427
11.38	1.5959	0.1883	1.2305	0.2310	-0.0010	0.0789
13.37	2.1586	0.1436	1.2583	0.3110	-0.0049	0.1091
15.41	2.8937	0.1025	1.4995	0.3811	-0.0087	0.1357
17.38	3.5512	0.0671	1.8965	0.4295	-0.0139	0.1549
19.35	4.2149	0.0364	2.2865	0.4753	-0.0183	0.1718
21.39	4.9778	0.0185	2.8372	0.5126	-0.0250	0.1777
23.35	5.7685	-0.0072	3.1699	0.5549	-0.0307	0.1898
25.40	6.5947	-0.0351	3.3481	0.5987	-0.0334	0.2044
27.35	7.4961	-0.0622	3.4275	0.6562	-0.0370	0.2229
29.45	8.4766	-0.0926	3.3996	0.7066	-0.0427	0.2398

Table 4. Continued

(x) Continued

TEST 1802 RUN 120 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.26	-1.3815	0.3923	2.3287	-0.3832	0.0230	-0.1388
-1.28	-1.1933	0.3757	2.2597	-0.3439	0.0214	-0.1266
-0.23	-0.9839	0.3585	2.1733	-0.3007	0.0198	-0.1123
0.80	-0.7918	0.3433	2.0924	-0.2612	0.0181	-0.0984
1.75	-0.5949	0.3282	1.9975	-0.2208	0.0164	-0.0840
2.80	-0.3841	0.3127	1.8928	-0.1781	0.0144	-0.0685
3.71	-0.1880	0.2986	1.7873	-0.1341	0.0124	-0.0532
5.75	0.2517	0.2650	1.5829	-0.0592	0.0080	-0.0219
7.73	0.6974	0.2373	1.4891	0.0153	0.0058	0.0081
9.76	1.1956	0.2022	1.4932	0.0926	0.0018	0.0399
11.78	1.7505	0.1711	1.6822	0.1502	-0.0035	0.0645
13.70	2.3580	0.1435	2.0189	0.2041	-0.0056	0.0851
15.80	2.9769	0.1162	2.4887	0.2538	-0.0092	0.1023
17.78	3.6206	0.0990	2.8573	0.2995	-0.0121	0.1154
19.79	4.3382	0.0779	3.0682	0.3484	-0.0160	0.1301
21.74	5.0671	0.0620	3.2198	0.3819	-0.0204	0.1440
23.78	5.8233	0.0468	3.3500	0.4269	-0.0256	0.1587
25.70	6.5776	0.0360	3.4314	0.4667	-0.0291	0.1712
27.76	7.3635	0.0231	3.4896	0.5116	-0.0333	0.1854
29.75	8.1476	0.0107	3.4179	0.5605	-0.0372	0.1999

TEST 1629 RUN 89 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	-1.2835	0.3852	2.1649	-0.2397	0.0199	-0.1123
-1.07	-1.1136	0.3682	2.1521	-0.2108	0.0188	-0.1027
0.02	-0.9277	0.3531	2.1120	-0.1774	0.0171	-0.0913
1.01	-0.7442	0.3410	2.0740	-0.1444	0.0157	-0.0800
1.98	-0.5714	0.3259	2.0306	-0.1096	0.0141	-0.0684
2.94	-0.3834	0.3147	1.9735	-0.0726	0.0127	-0.0558
4.00	-0.1883	0.3003	1.9128	-0.0326	0.0113	-0.0425
5.97	0.2263	0.2692	1.7783	0.0334	0.0078	-0.0156
8.02	0.6759	0.2417	1.7096	0.1068	0.0047	0.0134
9.96	1.1435	0.2161	1.8009	0.1757	0.0022	0.0396
11.98	1.6990	0.1904	2.0373	0.2331	-0.0034	0.0621
14.06	2.3168	0.1636	2.3617	0.2764	-0.0059	0.0814
15.98	2.9088	0.1439	2.6396	0.3196	-0.0088	0.0961
18.03	3.5683	0.1228	2.8846	0.3625	-0.0135	0.1101
20.04	4.2306	0.1076	3.0852	0.4079	-0.0176	0.1234
21.95	4.8625	0.0982	3.2651	0.4493	-0.0209	0.1355
23.97	5.5671	0.0890	3.3267	0.4943	-0.0248	0.1486
25.97	6.2908	0.0797	3.3128	0.5390	-0.0285	0.1618
27.97	7.0711	0.0690	3.3198	0.5818	-0.0326	0.1754
30.07	7.9003	0.0553	3.3095	0.6224	-0.0379	0.1902

Table 4. Continued

(x) Concluded

TEST 1629 RUN 90 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.01	-1.0366	0.3412	1.5831	-0.1978	0.0146	-0.0920
-1.00	-0.8737	0.3298	1.6155	-0.1646	0.0136	-0.0823
-0.03	-0.7178	0.3179	1.6451	-0.1345	0.0122	-0.0730
0.97	-0.5506	0.3050	1.6553	-0.1045	0.0107	-0.0628
1.97	-0.3848	0.2912	1.6583	-0.0728	0.0097	-0.0522
3.01	-0.2080	0.2767	1.6465	-0.0459	0.0091	-0.0418
4.03	-0.0225	0.2615	1.6340	-0.0304	0.0081	-0.0322
5.98	0.3572	0.2385	1.6167	0.0152	0.0057	-0.0112
7.94	0.7737	0.2161	1.6461	0.0664	0.0044	0.0106
9.97	1.2739	0.1986	1.7991	0.1235	0.0016	0.0325
12.01	1.7811	0.1821	1.9969	0.1743	-0.0024	0.0494
13.99	2.2931	0.1681	2.2015	0.2106	-0.0057	0.0615
15.95	2.8133	0.1570	2.4102	0.2436	-0.0088	0.0725
18.03	3.3760	0.1502	2.6345	0.2759	-0.0114	0.0835
19.99	3.9378	0.1429	2.7757	0.3054	-0.0141	0.0939
21.94	4.5225	0.1359	2.8887	0.3408	-0.0168	0.1052
23.97	5.1633	0.1318	2.9734	0.3843	-0.0202	0.1184
26.05	5.8361	0.1263	3.0389	0.4283	-0.0236	0.1322
27.99	6.5028	0.1264	3.0852	0.4722	-0.0271	0.1460
30.05	7.2325	0.1223	3.1407	0.5197	-0.0312	0.1611

TEST 1629 RUN 94 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.00	-0.8575	0.2840	1.1338	-0.1521	0.0109	-0.0707
-0.95	-0.7153	0.2739	1.2075	-0.1276	0.0104	-0.0625
0.03	-0.5693	0.2604	1.2418	-0.1039	0.0090	-0.0544
0.97	-0.4358	0.2500	1.2765	-0.0811	0.0080	-0.0465
1.98	-0.2869	0.2432	1.3152	-0.0680	0.0075	-0.0387
3.05	-0.1191	0.2326	1.3460	-0.0485	0.0068	-0.0299
3.96	0.0327	0.2225	1.3768	-0.0437	0.0056	-0.0235
6.10	0.4130	0.2048	1.4336	-0.0057	0.0033	-0.0054
8.03	0.7875	0.1958	1.5630	0.0237	0.0010	0.0085
9.99	1.1755	0.1910	1.7812	0.0521	-0.0009	0.0197
12.02	1.5880	0.1875	2.0328	0.0840	-0.0031	0.0302
13.95	1.9799	0.1850	2.2642	0.1146	-0.0047	0.0394
16.01	2.4403	0.1867	2.4923	0.1499	-0.0067	0.0499
18.04	2.9296	0.1885	2.6943	0.1876	-0.0085	0.0607
20.02	3.4420	0.1769	2.8842	0.2316	-0.0107	0.0727
21.96	3.9880	0.1905	3.0405	0.2827	-0.0132	0.0858
24.00	4.5925	0.1963	3.2095	0.3241	-0.0157	0.0988
26.02	5.2274	0.2011	3.3832	0.3655	-0.0185	0.1122
28.04	5.9016	0.2056	3.5720	0.4148	-0.0205	0.1264
29.95	6.5629	0.2060	3.7376	0.4591	-0.0232	0.1403

Table 4. Continued

(y) Fin 9 at $\delta = 0^\circ$ TEST 1056 RUN 34 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.18	-0.4369	0.1670	0.5106	-0.0686	-0.0030	-0.0291
0.02	-0.0235	0.1725	0.0671	0.0000	0.0000	0.0000
1.01	0.3150	0.1686	-0.2927	0.0479	0.0028	0.0228
2.05	0.6969	0.1662	-0.7204	0.1114	0.0076	0.0498
3.04	1.0783	0.1627	-1.1485	0.1743	0.0143	0.0747
4.01	1.4468	0.1564	-1.5555	0.2366	0.0216	0.0967
6.01	2.2276	0.1497	-2.4047	0.3728	0.0375	0.1413
8.01	3.0503	0.1415	-3.3116	0.5017	0.0524	0.1847
10.00	3.7339	0.1275	-3.8751	0.6197	0.0723	0.2107
12.01	4.4960	0.1304	-4.5898	0.7178	0.0803	0.2354
14.01	5.2871	0.1131	-5.2833	0.8414	0.0899	0.2639
16.03	6.0696	0.0966	-5.9590	0.9509	0.0979	0.2835
18.01	6.7972	0.0871	-6.4622	1.0319	0.0974	0.2884
20.02	7.0302	0.1020	-6.3194	0.9108	0.0258	0.2673
22.02	7.7068	0.0949	-6.6290	0.9723	0.0167	0.2878

TEST 1056 RUN 33 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.26	-0.5285	0.1880	0.6808	-0.0714	-0.0015	-0.0364
-0.89	-0.3749	0.1866	0.4909	-0.0479	-0.0011	-0.0254
0.01	-0.0230	0.1814	0.0663	0.0000	0.0000	0.0000
1.02	0.3623	0.1852	-0.3879	0.0542	0.0019	0.0279
2.07	0.7992	0.1808	-0.9359	0.1254	0.0046	0.0591
3.03	1.2136	0.1730	-1.4503	0.1982	0.0100	0.0852
4.02	1.6516	0.1700	-1.9932	0.2783	0.0156	0.1112
6.16	2.6161	0.1676	-3.1972	0.4507	0.0255	0.1692
8.03	3.5491	0.1641	-4.3958	0.6220	0.0295	0.2239
10.01	3.9529	0.1665	-4.3612	0.6633	0.0485	0.2142
12.10	4.8712	0.1748	-5.4304	0.8125	0.0434	0.2533
14.00	5.6158	0.1627	-6.0551	0.8812	0.0465	0.2745
16.04	6.3662	0.1444	-6.6481	0.9933	0.0417	0.2899
18.00	7.0028	0.1309	-7.0516	1.0730	0.0305	0.3019
20.01	7.4997	0.1195	-7.0671	1.0729	0.0061	0.3118
22.01	8.3105	0.0913	-7.7097	1.1395	-0.0069	0.3320

Table 4. Continued

(y) Continued

TEST 1056 RUN 32 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.24	-0.4782	0.3426	0.6651	-0.0415	-0.0204	-0.0294
-0.83	-0.3077	0.3345	0.4302	-0.0246	-0.0226	-0.0180
0.00	0.0143	0.3307	0.0008	0.0000	0.0000	0.0000
1.01	0.3984	0.3360	-0.5030	0.0161	0.0531	0.0223
2.00	0.7922	0.3317	-1.0080	0.0697	0.0525	0.0489
3.00	1.2035	0.3241	-1.5253	0.1351	0.0513	0.0775
4.05	1.6477	0.3241	-2.1004	0.2104	0.0501	0.1073
6.05	2.4848	0.3458	-3.1448	0.4208	-0.0355	0.1610
8.11	3.3366	0.3513	-4.1428	0.5515	-0.0375	0.2059
10.00	4.1091	0.3424	-4.9758	0.6793	-0.0356	0.2450
12.08	4.9575	0.3353	-5.7748	0.7417	0.0271	0.2808
14.01	5.7637	0.3252	-6.4687	0.8447	0.0165	0.3127
16.02	6.5919	0.3275	-7.0359	0.9755	0.0127	0.3372
18.01	7.3637	0.3090	-7.2188	1.0955	0.0181	0.3461
20.01	8.1900	0.2799	-6.9808	1.2055	0.0175	0.3595
22.02	9.1029	0.2388	-6.7908	1.0628	0.0048	0.3690

TEST 1802 RUN 58 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.04	-0.6825	0.2982	0.7347	-0.1273	0.0031	-0.0448
-1.02	-0.3255	0.2963	0.3156	-0.0647	0.0009	-0.0207
-0.02	-0.0039	0.2935	-0.0360	-0.0018	-0.0011	0.0017
0.94	0.3113	0.2937	-0.3911	0.0609	-0.0021	0.0219
1.98	0.6461	0.2953	-0.7790	0.1275	-0.0042	0.0458
2.92	0.9590	0.2918	-1.1494	0.1859	-0.0062	0.0668
3.96	1.3093	0.2906	-1.5529	0.2475	-0.0080	0.0893
5.98	2.0082	0.2881	-2.3270	0.3737	-0.0113	0.1320
7.92	2.6461	0.2860	-2.9693	0.4812	-0.0149	0.1661
9.94	3.3252	0.2783	-3.4999	0.5765	-0.0193	0.1969
11.97	4.0210	0.2661	-3.8808	0.6554	-0.0255	0.2228
13.96	4.7297	0.2587	-4.0459	0.7336	-0.0295	0.2431
15.97	5.5426	0.2495	-3.9036	0.8023	-0.0336	0.2580
17.91	6.2899	0.2400	-3.6280	0.8620	-0.0397	0.2741
19.99	7.0765	0.2316	-3.2876	0.9152	-0.0445	0.2875
21.95	7.8871	0.2204	-2.9813	0.9601	-0.0545	0.3003
23.92	8.7890	0.2142	-2.8127	1.0260	-0.0638	0.3195
25.95	9.7438	0.2048	-2.7805	1.0920	-0.0716	0.3389
27.92	10.7280	0.2002	-3.0309	1.1567	-0.0803	0.3591
29.98	11.8320	0.1937	-3.2856	1.2242	-0.0892	0.3808

Table 4. Continued

(y) Continued

TEST 1802 RUN 59 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.17	-0.5855	0.2675	0.5084	-0.1257	0.0033	-0.0380
-1.17	-0.3084	0.2659	0.2334	-0.0679	0.0021	-0.0202
-0.19	-0.0233	0.2656	-0.0371	-0.0133	0.0009	-0.0016
0.79	0.2535	0.2648	-0.2967	0.0332	0.0000	0.0153
1.78	0.5322	0.2648	-0.5644	0.0872	-0.0013	0.0329
2.79	0.8134	0.2643	-0.8292	0.1371	-0.0027	0.0500
3.80	1.0898	0.2635	-1.0791	0.1860	-0.0037	0.0661
5.79	1.6674	0.2642	-1.5592	0.2783	-0.0057	0.0967
7.84	2.2779	0.2639	-1.9808	0.3633	-0.0094	0.1255
9.81	2.8827	0.2599	-2.2425	0.4438	-0.0143	0.1506
11.76	3.5520	0.2552	-2.2927	0.5083	-0.0221	0.1719
13.82	4.2820	0.2516	-2.0815	0.5749	-0.0251	0.1877
15.79	4.9478	0.2482	-1.7523	0.6193	-0.0302	0.2010
17.82	5.6871	0.2446	-1.6297	0.6575	-0.0370	0.2147
19.80	6.4743	0.2420	-1.5901	0.7079	-0.0409	0.2297
21.80	7.2954	0.2462	-1.5619	0.7637	-0.0456	0.2455
23.86	8.1776	0.2486	-1.6431	0.8225	-0.0518	0.2632
25.78	9.0134	0.2555	-1.7943	0.8745	-0.0569	0.2796
27.90	9.9680	0.2597	-2.0449	0.9419	-0.0627	0.3001
29.78	10.8290	0.2612	-2.3754	1.0076	-0.0682	0.3194

TEST 1629 RUN 120 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	-0.6373	0.2634	0.5573	-0.1106	0.0002	-0.0367
-1.01	-0.3756	0.2618	0.3433	-0.0594	0.0001	-0.0211
0.03	-0.1235	0.2625	0.1370	-0.0103	-0.0006	-0.0061
0.98	0.1314	0.2635	-0.0614	0.0273	-0.0011	0.0082
1.98	0.3807	0.2651	-0.2624	0.0718	-0.0018	0.0239
1.98	0.3730	0.2652	-0.2595	0.0639	-0.0018	0.0244
3.01	0.6470	0.2664	-0.4773	0.1180	-0.0020	0.0417
4.02	0.9060	0.2672	-0.6614	0.1646	-0.0023	0.0572
6.03	1.4455	0.2701	-1.0367	0.2629	-0.0035	0.0848
8.01	2.0035	0.2723	-1.3492	0.3457	-0.0071	0.1104
9.98	2.5972	0.2746	-1.5175	0.4223	-0.0107	0.1323
12.04	3.2553	0.2710	-1.4589	0.4769	-0.0166	0.1498
13.96	3.8970	0.2701	-1.3351	0.5302	-0.0200	0.1644
16.00	4.5917	0.2703	-1.2007	0.5826	-0.0248	0.1788
17.99	5.3278	0.2715	-1.1524	0.6242	-0.0289	0.1925
20.05	6.0855	0.2763	-1.1388	0.6769	-0.0315	0.2087
21.98	6.8254	0.2790	-1.1513	0.7219	-0.0347	0.2241
24.03	7.6568	0.2809	-1.3765	0.7702	-0.0396	0.2423
25.98	8.5111	0.2920	-1.6514	0.8138	-0.0449	0.2602
28.03	9.4363	0.3011	-1.9548	0.8858	-0.0519	0.2826
30.00	10.3420	0.3071	-2.2436	0.9376	-0.0585	0.3020

Table 4. Continued

(y) Concluded

TEST 1629 RUN 123 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.97	-0.5025	0.2360	0.2446	-0.0526	0.0002	-0.0226
-1.04	-0.2967	0.2327	0.1599	-0.0284	-0.0004	-0.0133
-0.06	-0.0882	0.2332	0.0753	0.0012	-0.0006	-0.0033
1.01	0.1409	0.2336	-0.0159	0.0394	-0.0012	0.0083
2.03	0.3668	0.2336	-0.1200	0.0846	-0.0014	0.0207
3.00	0.5765	0.2353	-0.2106	0.1208	-0.0018	0.0314
3.99	0.8053	0.2372	-0.3086	0.1724	-0.0015	0.0440
6.07	1.3016	0.2447	-0.4999	0.2495	-0.0037	0.0681
8.02	1.8067	0.2477	-0.6393	0.3162	-0.0061	0.0891
10.03	2.3845	0.2532	-0.6928	0.3664	-0.0113	0.1073
12.01	2.9530	0.2543	-0.6574	0.4128	-0.0147	0.1226
13.98	3.5320	0.2594	-0.6381	0.4553	-0.0188	0.1374
16.00	4.1732	0.2647	-0.6316	0.5026	-0.0220	0.1531
18.05	4.8358	0.2735	-0.6437	0.5419	-0.0255	0.1686
20.01	5.5274	0.2788	-0.7708	0.5901	-0.0292	0.1845
21.98	6.2407	0.2858	-0.9501	0.6410	-0.0336	0.2015
24.07	7.0455	0.2973	-1.1933	0.6967	-0.0394	0.2197
26.05	7.8262	0.3066	-1.4529	0.7701	-0.0456	0.2410
28.08	8.6852	0.3233	-1.7646	0.8323	-0.0508	0.2629
30.14	9.5839	0.3408	-2.1286	0.9032	-0.0565	0.2858

TEST 1629 RUN 124 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.05	-0.4381	0.2019	0.1805	-0.0350	0.0011	-0.0154
-1.03	-0.2681	0.1964	0.1849	-0.0110	0.0004	-0.0077
-0.04	-0.0986	0.1958	0.1595	-0.0012	-0.0001	-0.0022
1.03	0.0899	0.1969	0.1345	0.0220	-0.0003	0.0061
2.01	0.2623	0.2009	0.1220	0.0371	-0.0013	0.0132
3.10	0.4652	0.2039	0.1139	0.0752	-0.0008	0.0222
4.03	0.6368	0.2081	0.1058	0.0925	-0.0001	0.0289
6.04	1.0412	0.2132	0.0901	0.1630	0.0002	0.0478
7.99	1.4896	0.2158	0.0790	0.1912	-0.0026	0.0624
10.04	1.9781	0.2300	0.1325	0.2450	-0.0064	0.0806
12.04	2.4728	0.2433	0.1778	0.2707	-0.0104	0.0955
13.96	2.9749	0.2555	0.1851	0.3083	-0.0130	0.1108
16.04	3.5528	0.2693	0.1455	0.3385	-0.0165	0.1270
18.04	4.1556	0.2858	0.0598	0.3741	-0.0203	0.1446
20.03	4.8152	0.3010	-0.0648	0.4246	-0.0252	0.1653
22.08	5.5481	0.3159	-0.2652	0.4895	-0.0301	0.1881
24.04	6.2975	0.3370	-0.4984	0.5419	-0.0351	0.2104
25.99	7.0801	0.3582	-0.7310	0.6082	-0.0406	0.2335
28.05	7.9714	0.3852	-0.9846	0.6673	-0.0472	0.2584
29.92	8.7964	0.4042	-1.2820	0.7196	-0.0542	0.2817

Table 4. Continued

(z) Fin 9 at $\delta = 10^\circ$ TEST 1056 RUN 124 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.05	2.1045	0.4448	-4.1750	0.4225	0.0146	0.1590
0.59	2.7534	0.5192	-4.8927	0.5311	0.0253	0.1932
1.27	2.9778	0.5357	-5.0882	0.5749	0.0318	0.2032
2.01	3.1274	0.5536	-5.1070	0.5928	0.0428	0.2022
3.01	3.4462	0.5920	-5.4166	0.6438	0.0467	0.2135
4.02	3.8090	0.6294	-5.7909	0.7007	0.0517	0.2274
7.01	4.8459	0.7464	-6.7791	0.8600	0.0661	0.2635
8.01	5.1717	0.7701	-7.0826	0.9087	0.0690	0.2736
10.01	5.7993	0.8264	-7.6387	0.9798	0.0727	0.2870
12.19	6.3384	0.8593	-7.9812	1.0119	0.0595	0.2901
18.07	6.6190	0.7640	-6.5194	0.8783	-0.0025	0.2584
20.09	7.2324	0.7779	-6.8645	0.9072	-0.0065	0.2669
22.10	7.8352	0.7794	-7.3322	0.9680	-0.0114	0.2848

TEST 1056 RUN 123 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.01	2.4912	0.5231	-5.1063	0.5055	-0.0094	0.1868
0.06	2.9822	0.5788	-5.7488	0.5982	-0.0085	0.2167
1.01	3.2901	0.6040	-6.0074	0.6699	-0.0060	0.2384
2.00	3.3128	0.5972	-5.6081	0.6363	0.0305	0.2063
3.00	3.6264	0.6449	-5.9714	0.6873	0.0229	0.2181
4.08	4.0462	0.7032	-6.5120	0.7649	0.0195	0.2365
6.03	4.7110	0.7688	-7.1683	0.8558	0.0255	0.2573
8.20	5.4092	0.8352	-7.8899	0.9320	0.0205	0.2765
10.03	5.8383	0.8709	-8.2236	0.9431	0.0053	0.2776
12.76	6.2910	0.8669	-8.2482	0.9567	-0.0175	0.2786
14.00	6.5786	0.8697	-8.3231	0.9884	-0.0218	0.2846
16.13	7.0817	0.8747	-8.3991	1.0157	-0.0264	0.2932
18.01	7.6568	0.8942	-8.6922	1.0415	-0.0319	0.3032
20.01	8.2045	0.8955	-9.0753	1.0789	-0.0373	0.3162

Table 4. Continued

(z) Continued

TEST 1056 RUN 122 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-0.98	2.1945	0.6327	-4.8798	0.4742	-0.0362	0.1630
0.03	2.6052	0.6744	-5.4335	0.5333	-0.0388	0.1845
1.11	3.0370	0.7195	-5.9962	0.6073	-0.0419	0.2077
2.04	3.3928	0.7569	-6.4402	0.6679	-0.0434	0.2260
3.01	3.7580	0.7948	-6.8584	0.7334	-0.0457	0.2453
4.02	4.1374	0.8297	-7.2912	0.7933	-0.0481	0.2636
6.01	4.8935	0.9307	-8.1701	0.9109	-0.0560	0.2986
8.00	5.5438	1.0060	-8.7090	0.9826	-0.0485	0.3110
10.01	6.1589	1.0420	-9.0753	1.0620	-0.0494	0.3328
14.01	7.4027	1.1296	-9.6333	1.1969	-0.0525	0.3637
16.02	8.0611	1.1710	-9.8176	1.2534	-0.0582	0.3795
18.04	8.7677	1.2042	-10.0040	1.3160	-0.0623	0.3936
20.03	9.5639	1.1805	-10.1280	1.3662	-0.0715	0.4049
22.03	10.3710	1.1836	-9.3562	1.3925	-0.0781	0.4144
12.01	6.7791	1.0098	-9.4053	1.1336	-0.0467	0.3471

TEST 1802 RUN 54 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.03	1.3429	0.4850	-3.8181	0.3485	-0.0253	0.1257
-1.07	1.6350	0.5142	-4.1481	0.4032	-0.0276	0.1435
-0.02	1.9725	0.5478	-4.5075	0.4665	-0.0300	0.1635
0.98	2.2783	0.5793	-4.8380	0.5266	-0.0322	0.1819
1.96	2.5742	0.6099	-5.1429	0.5822	-0.0337	0.1979
2.94	2.8569	0.6384	-5.4210	0.6336	-0.0347	0.2121
3.96	3.1516	0.6670	-5.6912	0.6918	-0.0355	0.2272
5.93	3.7293	0.7219	-6.1885	0.7886	-0.0375	0.2522
7.95	4.3070	0.7733	-6.6219	0.8733	-0.0401	0.2746
9.98	4.9332	0.8224	-6.9838	0.9475	-0.0453	0.2965
11.93	5.5546	0.8606	-7.2405	1.0223	-0.0524	0.3171
13.93	6.1714	0.8864	-7.1384	1.0790	-0.0578	0.3320
15.96	6.9188	0.9064	-6.8784	1.1229	-0.0651	0.3471
17.95	7.7139	0.9339	-6.5905	1.1790	-0.0785	0.3665
20.00	8.4659	0.9562	-6.1755	1.2474	-0.0926	0.3875
21.97	9.2934	0.9717	-5.9656	1.2844	-0.1105	0.4036
23.95	10.1250	0.9931	-5.6926	1.3239	-0.1161	0.4182
26.03	10.9830	1.0169	-5.2901	1.3612	-0.1181	0.4329
27.95	11.8530	1.0425	-5.0756	1.4063	-0.1212	0.4469
29.93	12.6920	1.0733	-4.9951	1.4579	-0.1277	0.4643

Table 4. Continued

(z) Continued

TEST 1802 RUN 55 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.21	1.0130	0.4188	-3.1816	0.2692	-0.0122	0.0930
-1.19	1.2783	0.4457	-3.4359	0.3219	-0.0143	0.1088
-0.20	1.5509	0.4716	-3.6723	0.3631	-0.0163	0.1231
0.81	1.8136	0.4985	-3.8988	0.4090	-0.0179	0.1374
1.80	2.0719	0.5246	-4.1038	0.4568	-0.0187	0.1506
2.83	2.3407	0.5508	-4.3061	0.5110	-0.0197	0.1643
3.79	2.5796	0.5744	-4.4797	0.5523	-0.0208	0.1760
5.82	3.1054	0.6244	-4.8065	0.6348	-0.0243	0.1999
7.76	3.6186	0.6670	-5.0362	0.7004	-0.0282	0.2187
9.80	4.1919	0.7082	-5.1638	0.7617	-0.0344	0.2376
11.83	4.8269	0.7372	-5.0721	0.8157	-0.0443	0.2566
13.80	5.4368	0.7610	-4.6480	0.8573	-0.0483	0.2697
15.87	6.0759	0.7778	-4.1827	0.8930	-0.0539	0.2793
17.85	6.7805	0.7986	-4.0009	0.9289	-0.0661	0.2943
19.81	7.5515	0.8278	-3.9522	0.9858	-0.0759	0.3133
21.87	8.3942	0.8638	-3.9436	1.0527	-0.0861	0.3346
23.86	9.2355	0.9027	-3.9863	1.1175	-0.0936	0.3550
25.87	10.0940	0.9439	-4.0598	1.1705	-0.1004	0.3738
27.90	11.0090	0.9858	-4.3254	1.2353	-0.1097	0.3952
29.86	11.9080	1.0276	-4.6373	1.3085	-0.1193	0.4171

TEST 1629 RUN 114 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.03	0.7961	0.3869	-2.6988	0.2471	-0.0098	0.0820
-1.05	1.0472	0.4121	-2.8991	0.2917	-0.0111	0.0955
-0.03	1.2816	0.4373	-3.0940	0.3358	-0.0128	0.1087
0.97	1.5305	0.4622	-3.2688	0.3822	-0.0141	0.1217
2.05	1.7832	0.4895	-3.4444	0.4252	-0.0152	0.1346
3.06	2.0333	0.5159	-3.5907	0.4636	-0.0156	0.1465
4.08	2.2762	0.5397	-3.7236	0.5070	-0.0165	0.1577
5.99	2.7374	0.5866	-3.9536	0.5782	-0.0181	0.1780
8.11	3.2852	0.6340	-4.1421	0.6520	-0.0213	0.1980
10.01	3.8028	0.6669	-4.1415	0.7010	-0.0278	0.2139
12.04	4.4119	0.7002	-3.9906	0.7596	-0.0358	0.2303
13.97	4.9986	0.7198	-3.7363	0.8006	-0.0401	0.2434
15.97	5.6590	0.7443	-3.5197	0.8352	-0.0493	0.2573
18.04	6.3952	0.7748	-3.4533	0.8849	-0.0563	0.2750
19.99	7.1403	0.8127	-3.4438	0.9475	-0.0616	0.2941
21.99	7.9135	0.8448	-3.4677	1.0116	-0.0682	0.3141
24.03	8.7478	0.8809	-3.7264	1.0585	-0.0741	0.3331
26.04	9.6276	0.9329	-4.0399	1.1105	-0.0821	0.3518
28.07	10.5480	0.9769	-4.3311	1.1953	-0.0899	0.3761
30.05	11.4950	1.0153	-4.6770	1.2650	-0.0986	0.4001

Table 4. Continued

(z) Concluded

TEST 1629 RUN 117 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.01	0.5421	0.3339	-2.1983	0.1983	-0.0054	0.0620
-0.96	0.7839	0.3590	-2.3360	0.2470	-0.0061	0.0758
-0.03	0.9921	0.3817	-2.4322	0.2810	-0.0078	0.0865
1.01	1.2173	0.4057	-2.5381	0.3225	-0.0086	0.0989
1.98	1.4273	0.4286	-2.6322	0.3581	-0.0096	0.1097
3.10	1.6756	0.4531	-2.7314	0.3961	-0.0107	0.1217
4.02	1.8835	0.4741	-2.7978	0.4247	-0.0113	0.1309
6.08	2.3585	0.5201	-2.9192	0.4964	-0.0136	0.1513
7.97	2.8030	0.5546	-2.9502	0.5493	-0.0172	0.1668
9.99	3.3318	0.5828	-2.9190	0.6058	-0.0222	0.1822
11.97	3.8925	0.6096	-2.8233	0.6677	-0.0271	0.1996
14.00	4.4957	0.6407	-2.7880	0.6978	-0.0346	0.2150
15.97	5.1378	0.6802	-2.8504	0.7387	-0.0409	0.2316
17.97	5.8301	0.7193	-2.9763	0.7935	-0.0469	0.2506
19.96	6.5627	0.7617	-3.1919	0.8497	-0.0539	0.2700
21.99	7.3362	0.8110	-3.4704	0.9170	-0.0615	0.2941
24.00	8.1685	0.8632	-3.8144	0.9975	-0.0694	0.3201
25.96	9.0107	0.9219	-4.2110	1.0741	-0.0774	0.3456
27.98	9.9056	0.9809	-4.6498	1.1547	-0.0869	0.3716
29.99	10.8290	1.0496	-5.1329	1.2312	-0.0956	0.3974

TEST 1629 RUN 118 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	0.2981	0.2693	-1.4770	0.0885	-0.0042	0.0421
-1.02	0.4874	0.2853	-1.5232	0.1232	-0.0039	0.0514
0.05	0.6919	0.3050	-1.5866	0.1751	-0.0037	0.0632
0.97	0.8633	0.3226	-1.6546	0.2022	-0.0038	0.0724
2.01	1.0734	0.3475	-1.7182	0.2382	-0.0040	0.0848
2.96	1.2510	0.3699	-1.7566	0.2669	-0.0046	0.0955
4.04	1.4691	0.3949	-1.8025	0.2906	-0.0073	0.1061
6.08	1.8957	0.4361	-1.8603	0.3475	-0.0102	0.1250
8.07	2.3526	0.4651	-1.8580	0.4000	-0.0143	0.1423
9.99	2.8345	0.5019	-1.8528	0.4304	-0.0193	0.1581
12.01	3.3433	0.5422	-1.8715	0.4640	-0.0254	0.1760
13.99	3.9071	0.5853	-1.9634	0.5115	-0.0322	0.1956
15.95	4.5113	0.6317	-2.1333	0.5641	-0.0399	0.2174
17.98	5.1977	0.6863	-2.3721	0.6477	-0.0461	0.2430
19.98	5.9316	0.7506	-2.6835	0.7046	-0.0545	0.2682
21.97	6.7389	0.8179	-3.0918	0.7921	-0.0623	0.2986
23.99	7.6099	0.8860	-3.5367	0.8729	-0.0719	0.3289
26.05	8.5222	0.9669	-4.0072	0.9672	-0.0825	0.3615
27.97	9.4152	1.0445	-4.4404	1.0549	-0.0922	0.3921
30.04	10.4180	1.1239	-4.9458	1.1377	-0.1031	0.4243

Table 4. Continued

(aa) Fin 9 at $\delta = -10^\circ$ TEST 1056 RUN 30 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.52	-3.0431	0.5415	5.1426	-0.5392	-0.0547	-0.2178
-0.99	-2.9150	0.5246	5.0851	-0.5197	-0.0474	-0.2138
0.00	-2.5727	0.4912	4.7649	-0.4545	-0.0380	-0.1954
1.01	-2.1746	0.4430	4.3208	-0.3891	-0.0306	-0.1722
2.04	-1.7658	0.4063	3.8535	-0.3253	-0.0238	-0.1472
3.25	-1.2925	0.3589	3.3126	-0.2541	-0.0148	-0.1184
4.01	-1.0010	0.3295	2.9831	-0.1991	-0.0091	-0.0997
6.01	-0.2280	0.2476	2.0944	-0.0918	0.0026	-0.0515
8.02	0.4931	0.1680	1.3172	0.0104	0.0116	-0.0041
10.06	1.2395	0.0775	0.5980	0.1252	0.0241	0.0450
12.04	1.9930	-0.0277	-0.0522	0.2437	0.0400	0.0898
14.10	2.7926	-0.1367	-0.6785	0.3816	0.0575	0.1338
16.01	3.5743	-0.2445	-1.2832	0.5199	0.0720	0.1751
18.06	4.3277	-0.3358	-1.6754	0.6408	0.0902	0.2031
20.04	5.1078	-0.4186	-2.1415	0.7604	0.0982	0.2303
22.11	5.9594	-0.5158	-2.6515	0.8841	0.1064	0.2591

TEST 1056 RUN 29 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.53	-3.4416	0.6076	6.1390	-0.6151	-0.0153	-0.2718
-0.99	-3.2617	0.5892	5.9684	-0.5782	-0.0110	-0.2610
0.01	-2.9937	0.5680	5.8277	-0.5126	-0.0065	-0.2378
1.04	-2.5310	0.5174	5.2280	-0.4381	-0.0047	-0.2085
2.04	-2.0732	0.4669	4.6226	-0.3614	-0.0019	-0.1789
3.02	-1.6283	0.4186	4.0405	-0.2945	0.0003	-0.1496
4.03	-1.1765	0.3702	3.4492	-0.2280	0.0042	-0.1210
6.01	-0.2945	0.2782	2.3195	-0.1068	0.0111	-0.0648
8.03	0.5276	0.1897	1.3429	0.0156	0.0164	-0.0069
10.02	1.3652	0.0798	0.4302	0.1329	0.0224	0.0485
12.03	2.2173	-0.0339	-0.3693	0.2835	0.0375	0.0996
14.03	3.1427	-0.1560	-1.2277	0.4294	0.0467	0.1527
16.15	3.9678	-0.2599	-1.7022	0.5797	0.0649	0.1892
18.74	5.0095	-0.3511	-2.3430	0.7175	0.0614	0.2230
20.03	5.6029	-0.4207	-2.8018	0.8021	0.0584	0.2435
22.29	6.4535	-0.4952	-3.3865	0.8997	0.0540	0.2638

Table 4. Continued

(aa) Continued

TEST 1056 RUN 28 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.45	-3.1363	0.7286	6.1825	-0.5102	0.0296	-0.2412
-1.00	-2.9582	0.7068	5.9540	-0.4806	0.0295	-0.2310
0.30	-2.4585	0.6430	5.3077	-0.4117	0.0280	-0.2030
1.06	-2.1354	0.6137	4.8627	-0.3630	0.0267	-0.1837
2.01	-1.7549	0.5731	4.3709	-0.3106	0.0256	-0.1607
3.13	-1.3102	0.5175	3.8204	-0.2526	0.0232	-0.1329
4.00	-0.9442	0.4866	3.3365	-0.2012	0.0213	-0.1087
6.05	-0.1042	0.4185	2.2430	-0.0956	0.0157	-0.0543
8.06	0.6847	0.3476	1.3356	0.0176	0.0136	-0.0037
10.01	1.4543	0.2608	0.5524	0.1104	0.0135	0.0445
12.03	2.3298	0.1593	-0.2919	0.2485	0.0099	0.1014
14.00	3.1886	0.0544	-1.0109	0.3832	0.0075	0.1477
16.09	4.0885	-0.0223	-1.6002	0.5082	0.0042	0.1877
18.08	4.9792	-0.1025	-2.0480	0.6199	-0.0009	0.2227
20.36	6.1087	-0.2121	-2.2588	0.7445	-0.0077	0.2599
22.05	6.9495	-0.2835	-2.2807	0.8210	-0.0117	0.2816

TEST 1802 RUN 53 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.64	-2.7340	0.6247	5.1891	-0.6107	0.0346	-0.2005
-1.63	-2.4413	0.5953	4.8969	-0.5570	0.0334	-0.1853
-0.63	-2.1199	0.5616	4.5578	-0.4938	0.0312	-0.1670
0.40	-1.8109	0.5309	4.2289	-0.4369	0.0290	-0.1495
1.37	-1.4942	0.4980	3.8775	-0.3805	0.0266	-0.1315
2.36	-1.1759	0.4664	3.5167	-0.3176	0.0242	-0.1121
3.37	-0.8486	0.4364	3.1360	-0.2533	0.0214	-0.0915
5.35	-0.1814	0.3743	2.3620	-0.1251	0.0169	-0.0494
7.35	0.5184	0.3061	1.6048	-0.0184	0.0118	-0.0069
9.37	1.2056	0.2414	1.0184	0.0938	0.0081	0.0344
11.39	1.9364	0.1622	0.4728	0.2202	0.0027	0.0781
13.37	2.6916	0.0884	0.1021	0.3203	-0.0018	0.1142
15.41	3.5732	0.0212	0.0337	0.4141	-0.0055	0.1471
17.37	4.3827	-0.0370	0.1463	0.4935	-0.0105	0.1738
19.40	5.2174	-0.0922	0.2708	0.5519	-0.0147	0.1950
21.41	6.0380	-0.1256	0.4558	0.6154	-0.0221	0.2118
23.42	6.9604	-0.1682	0.5334	0.6679	-0.0261	0.2259
25.45	7.9441	-0.2147	0.6344	0.7338	-0.0272	0.2414
27.41	8.8972	-0.2558	0.4753	0.7830	-0.0289	0.2545
29.43	9.8956	-0.2969	0.2223	0.8346	-0.0351	0.2721

Table 4. Continued

(aa) Continued

TEST 1802 RUN 56 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.78	-2.2353	0.5334	4.0519	-0.4848	0.0206	-0.1553
-1.75	-1.9836	0.5089	3.8467	-0.4355	0.0198	-0.1421
-0.80	-1.7297	0.4834	3.6275	-0.3875	0.0187	-0.1283
0.29	-1.4437	0.4543	3.3721	-0.3426	0.0167	-0.1134
1.19	-1.2008	0.4302	3.1516	-0.3020	0.0150	-0.1004
2.26	-0.9098	0.4016	2.8711	-0.2534	0.0135	-0.0842
3.25	-0.6308	0.3751	2.6024	-0.2056	0.0116	-0.0683
5.20	-0.0699	0.3169	2.0671	-0.1099	0.0092	-0.0377
7.23	0.5579	0.2639	1.5432	-0.0190	0.0068	-0.0027
9.25	1.2064	0.2111	1.1766	0.0720	0.0042	0.0314
11.26	1.8778	0.1590	1.0241	0.1520	-0.0003	0.0617
13.22	2.6069	0.1101	1.0227	0.2219	-0.0045	0.0885
15.24	3.3675	0.0630	1.1998	0.2755	-0.0098	0.1119
17.26	4.1030	0.0249	1.3644	0.3622	-0.0120	0.1347
19.23	4.9047	-0.0113	1.3608	0.4188	-0.0169	0.1527
21.25	5.7230	-0.0422	1.3384	0.4793	-0.0202	0.1700
23.17	6.5163	-0.0672	1.2861	0.5262	-0.0238	0.1855
25.25	7.4070	-0.0957	1.1608	0.5759	-0.0286	0.2019
27.25	8.2604	-0.1181	1.0628	0.6235	-0.0325	0.2177
29.24	9.1558	-0.1444	0.8530	0.6685	-0.0365	0.2341

TEST 1629 RUN 115 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	-1.9539	0.5027	3.6286	-0.3819	0.0113	-0.1427
-0.98	-1.7161	0.4783	3.4601	-0.3485	0.0101	-0.1310
0.03	-1.4693	0.4550	3.2801	-0.3078	0.0090	-0.1186
1.00	-1.2445	0.4336	3.1109	-0.2654	0.0082	-0.1062
2.01	-0.9764	0.4088	2.9099	-0.2183	0.0071	-0.0915
3.02	-0.7115	0.3832	2.7062	-0.1734	0.0066	-0.0776
4.04	-0.4459	0.3564	2.4935	-0.1263	0.0053	-0.0634
6.05	0.0981	0.3086	2.0614	-0.0280	0.0046	-0.0337
8.03	0.6664	0.2628	1.6987	0.0506	0.0026	-0.0051
10.01	1.2844	0.2187	1.5049	0.1257	0.0009	0.0234
11.99	1.9360	0.1786	1.4899	0.2187	-0.0025	0.0504
13.97	2.6266	0.1363	1.5370	0.2592	-0.0046	0.0705
15.95	3.3722	0.0963	1.5543	0.3354	-0.0075	0.0960
17.98	4.1234	0.0655	1.6004	0.3826	-0.0110	0.1127
20.00	4.8500	0.0390	1.6151	0.4324	-0.0145	0.1276
21.98	5.5886	0.0144	1.6491	0.4765	-0.0182	0.1416
24.05	6.3840	-0.0104	1.5128	0.5177	-0.0231	0.1558
26.04	7.1867	-0.0299	1.3674	0.5629	-0.0274	0.1696
28.03	8.0459	-0.0521	1.2035	0.6275	-0.0306	0.1864
29.99	8.8925	-0.0768	1.0083	0.6857	-0.0341	0.2024

Table 4. Continued

(aa) Concluded

TEST 1629 RUN 116 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.06	-1.5596	0.4417	2.7169	-0.3698	0.0089	-0.1175
-0.99	-1.3375	0.4206	2.6228	-0.3289	0.0084	-0.1054
-0.07	-1.1305	0.4012	2.5303	-0.2949	0.0069	-0.0947
0.97	-0.9042	0.3778	2.4155	-0.2567	0.0058	-0.0826
2.05	-0.6578	0.3527	2.2790	-0.2099	0.0041	-0.0686
2.98	-0.4394	0.3309	2.1554	-0.1735	0.0040	-0.0570
4.01	-0.1959	0.3071	2.0155	-0.1368	0.0036	-0.0446
6.02	0.2916	0.2673	1.7740	-0.0596	0.0030	-0.0207
7.97	0.8139	0.2301	1.5876	0.0065	0.0029	0.0024
10.04	1.4072	0.1967	1.5419	0.0613	0.0000	0.0231
12.02	1.9845	0.1709	1.5804	0.1265	-0.0031	0.0416
13.95	2.5486	0.1504	1.6388	0.1647	-0.0068	0.0556
15.94	3.1488	0.1316	1.6920	0.2109	-0.0093	0.0701
17.99	3.7685	0.1138	1.7656	0.2556	-0.0113	0.0841
20.01	4.4181	0.0981	1.7715	0.2996	-0.0138	0.0985
22.06	5.1088	0.0817	1.7275	0.3525	-0.0163	0.1142
24.06	5.8135	0.0610	1.6285	0.3944	-0.0190	0.1291
26.08	6.5611	0.0451	1.5177	0.4461	-0.0221	0.1456
28.07	7.3188	0.0320	1.3821	0.4937	-0.0250	0.1618
30.01	8.0970	0.0126	1.2203	0.5497	-0.0273	0.1786

TEST 1629 RUN 119 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.02	-1.2378	0.3628	1.9501	-0.2222	0.0062	-0.0854
-0.94	-1.0377	0.3414	1.9084	-0.1906	0.0057	-0.0742
-0.06	-0.8692	0.3223	1.8532	-0.1598	0.0046	-0.0645
1.09	-0.6452	0.3028	1.7812	-0.1300	0.0040	-0.0532
2.06	-0.4640	0.2885	1.7392	-0.0817	0.0049	-0.0421
3.07	-0.2724	0.2711	1.6851	-0.0558	0.0045	-0.0326
4.02	-0.0786	0.2569	1.6389	-0.0478	0.0044	-0.0260
5.97	0.3383	0.2295	1.5465	-0.0032	0.0036	-0.0095
7.99	0.7834	0.2125	1.5612	0.0321	0.0022	0.0043
9.93	1.2029	0.2024	1.6866	0.0704	0.0015	0.0160
12.03	1.6704	0.1930	1.8578	0.1042	0.0002	0.0273
14.07	2.1422	0.1843	2.0054	0.1278	-0.0021	0.0372
15.99	2.6134	0.1729	2.1055	0.1517	-0.0037	0.0474
17.96	3.1481	0.1623	2.1867	0.1953	-0.0058	0.0604
19.96	3.7332	0.1612	2.2414	0.2347	-0.0070	0.0736
22.01	4.3787	0.1580	2.2410	0.2906	-0.0103	0.0895
24.05	5.0683	0.1532	2.2373	0.3387	-0.0133	0.1055
25.97	5.7451	0.1515	2.2481	0.3969	-0.0154	0.1208
28.02	6.5065	0.1434	2.2699	0.4583	-0.0180	0.1388
29.98	7.2753	0.1338	2.2804	0.5198	-0.0210	0.1576

Table 4. Continued

(bb) Fin 10 at $\delta = 0^\circ$ TEST 1056 RUN 81 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.19	-0.1600	0.1476	-0.0337	-0.0318	-0.0094	-0.0139
-1.00	-0.1353	0.1491	-0.0201	-0.0278	-0.0079	-0.0118
0.00	-0.0156	0.1498	0.0482	0.0000	0.0000	0.0000
1.15	0.1189	0.1508	0.1297	0.0310	0.0087	0.0131
2.00	0.2283	0.1536	0.1741	0.0532	0.0157	0.0234
3.01	0.3709	0.1441	0.2046	0.0900	0.0249	0.0401
4.05	0.5392	0.1521	0.1920	0.1328	0.0342	0.0605
6.02	0.9032	0.1423	0.0972	0.2230	0.0516	0.1047
8.08	1.3519	0.1410	-0.1090	0.3322	0.0704	0.1557
10.09	1.8413	0.1343	-0.3830	0.4419	0.0889	0.2053
12.01	2.3500	0.1244	-0.6643	0.5503	0.1065	0.2510
14.00	2.9185	0.1063	-1.0075	0.6712	0.1238	0.2977
16.02	3.5681	0.0921	-1.4177	0.7966	0.1404	0.3471
18.00	4.2391	0.0634	-1.7846	0.9121	0.1554	0.3910
20.01	4.9150	0.0344	-2.0485	1.0223	0.1685	0.4313
22.22	5.6568	0.0133	-2.2718	1.1356	0.1789	0.4743

TEST 1056 RUN 80 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.19	-0.1590	0.1534	-0.0298	-0.0310	-0.0105	-0.0140
-0.99	-0.1341	0.1568	-0.0196	-0.0255	-0.0088	-0.0113
0.02	-0.0092	0.1540	0.0550	0.0000	0.0000	0.0000
1.04	0.1090	0.1568	0.1327	0.0265	0.0087	0.0113
2.29	0.2742	0.1623	0.1943	0.0639	0.0200	0.0278
3.01	0.3821	0.1532	0.2110	0.0892	0.0272	0.0398
4.01	0.5532	0.1540	0.1916	0.1310	0.0364	0.0605
6.03	0.9420	0.1565	0.0771	0.2301	0.0551	0.1076
8.05	1.3979	0.1566	-0.1424	0.3370	0.0730	0.1577
10.01	1.8996	0.1440	-0.4395	0.4468	0.0884	0.2074
12.03	2.4631	0.1390	-0.7636	0.5584	0.1035	0.2545
14.14	3.1158	0.1247	-1.1652	0.6884	0.1159	0.3070
16.02	3.7466	0.1073	-1.5338	0.8040	0.1234	0.3546
18.21	4.4967	0.0857	-1.9016	0.9270	0.1286	0.4040
20.02	5.1200	0.0717	-2.1960	1.0180	0.1303	0.4389
22.03	5.7555	0.0324	-2.5774	1.1091	0.1320	0.4743

Table 4. Continued

(bb) Continued

TEST 1056 RUN 79 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.18	-0.1685	0.2836	0.0235	-0.0390	-0.0086	-0.0171
-0.97	-0.1373	0.2785	0.0267	-0.0310	-0.0069	-0.0140
0.01	0.0064	0.2686	0.0503	0.0000	0.0000	0.0000
1.01	0.1460	0.2709	0.0814	0.0328	0.0078	0.0131
2.03	0.2934	0.2704	0.1252	0.0642	0.0158	0.0273
3.11	0.4540	0.2733	0.2038	0.1056	0.0246	0.0465
4.04	0.6339	0.2801	0.1573	0.1476	0.0314	0.0671
6.10	1.0548	0.3030	0.0135	0.2497	0.0434	0.1166
8.01	1.4995	0.3098	-0.1881	0.3488	0.0522	0.1623
10.02	2.0154	0.2992	-0.4571	0.4537	0.0566	0.2100
12.38	2.6563	0.2958	-0.7054	0.5691	0.0613	0.2584
14.01	3.1238	0.2798	-0.8490	0.6493	0.0620	0.2896
16.01	3.7403	0.2762	-0.9617	0.7405	0.0628	0.3258
18.01	4.3774	0.2672	-0.8898	0.8187	0.0634	0.3562
20.01	5.0813	0.2487	-0.4965	0.8814	0.0624	0.3814
22.05	5.8569	0.2208	-0.0770	0.9383	0.0608	0.4053

TEST 1802 RUN 38 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.79	-0.2536	0.2544	-0.1490	-0.0309	-0.0114	-0.0192
-0.79	-0.1142	0.2524	-0.0911	-0.0057	-0.0056	-0.0067
0.21	0.0249	0.2516	-0.0124	0.0271	0.0008	0.0071
1.17	0.1616	0.2535	0.0554	0.0538	0.0068	0.0196
2.25	0.3192	0.2538	0.0999	0.0859	0.0131	0.0345
3.21	0.4673	0.2545	0.1160	0.1206	0.0183	0.0504
4.18	0.6556	0.2567	0.0835	0.1594	0.0229	0.0712
6.16	1.0381	0.2612	-0.0144	0.2451	0.0304	0.1127
8.15	1.4721	0.2629	-0.1330	0.3298	0.0354	0.1526
10.19	1.9514	0.2612	-0.2053	0.4132	0.0375	0.1904
12.21	2.4645	0.2550	-0.1825	0.4937	0.0379	0.2234
14.29	3.0702	0.2466	0.0016	0.5641	0.0384	0.2493
16.18	3.7139	0.2389	0.4539	0.6144	0.0381	0.2697
18.20	4.3571	0.2307	1.0065	0.6676	0.0369	0.2923
20.23	5.0151	0.2229	1.6217	0.7128	0.0338	0.3118
22.21	5.7548	0.2174	2.1286	0.7472	0.0254	0.3276
24.26	6.5324	0.2120	2.5478	0.8010	0.0236	0.3500
26.24	7.3852	0.2080	2.8223	0.8658	0.0227	0.3765
28.19	8.2303	0.2063	2.9270	0.9211	0.0222	0.3992
30.16	9.0919	0.2034	2.9833	0.9796	0.0202	0.4230

Table 4. Continued

(bb) Continued

TEST 1802 RUN 40 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-3.03	-0.4169	0.2306	-0.1855	-0.0883	-0.0127	-0.0399
-1.99	-0.2626	0.2300	-0.1479	-0.0558	-0.0083	-0.0250
-1.00	-0.1255	0.2284	-0.0924	-0.0276	-0.0037	-0.0123
0.04	0.0233	0.2274	-0.0181	0.0047	0.0012	0.0019
0.97	0.1474	0.2291	0.0480	0.0302	0.0055	0.0132
1.99	0.3005	0.2303	0.1015	0.0629	0.0104	0.0281
3.09	0.4798	0.2330	0.1367	0.1006	0.0150	0.0458
4.99	0.8085	0.2360	0.1319	0.1674	0.0201	0.0782
6.94	1.2066	0.2399	0.1099	0.2365	0.0235	0.1124
8.95	1.6395	0.2405	0.1583	0.3056	0.0244	0.1425
11.03	2.1584	0.2382	0.3364	0.3713	0.0220	0.1692
13.03	2.7451	0.2343	0.7160	0.4231	0.0210	0.1903
14.95	3.2919	0.2327	1.1776	0.4626	0.0213	0.2072
17.02	3.8978	0.2299	1.7167	0.4967	0.0165	0.2218
19.04	4.5834	0.2294	2.0385	0.5451	0.0154	0.2422
21.11	5.2932	0.2333	2.3335	0.6022	0.0149	0.2656
23.03	5.9973	0.2348	2.5184	0.6575	0.0145	0.2882
25.01	6.7534	0.2402	2.6539	0.7172	0.0142	0.3123
27.08	7.5298	0.2491	2.7386	0.7773	0.0139	0.3375
29.00	8.2928	0.2584	2.7707	0.8370	0.0137	0.3628

TEST 1629 RUN 44 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.04	-0.3579	0.2312	-0.1187	-0.0605	-0.0076	-0.0300
-0.96	-0.1892	0.2292	-0.0416	-0.0304	-0.0031	-0.0151
0.00	-0.0565	0.2303	0.0194	-0.0058	0.0002	-0.0039
0.98	0.0759	0.2318	0.0857	0.0251	0.0035	0.0081
2.02	0.2228	0.2347	0.1635	0.0553	0.0072	0.0213
3.03	0.3697	0.2366	0.2327	0.0855	0.0109	0.0344
4.03	0.5238	0.2396	0.2744	0.1181	0.0138	0.0489
6.03	0.8802	0.2450	0.3147	0.1824	0.0178	0.0806
8.07	1.2866	0.2486	0.3859	0.2462	0.0199	0.1096
10.01	1.7339	0.2495	0.5220	0.3000	0.0175	0.1317
12.06	2.2603	0.2483	0.8261	0.3454	0.0145	0.1510
13.98	2.7893	0.2486	1.1864	0.3874	0.0152	0.1681
15.97	3.3521	0.2496	1.5866	0.4289	0.0132	0.1848
18.04	4.0067	0.2541	1.8777	0.4791	0.0120	0.2050
19.97	4.6198	0.2580	2.0998	0.5325	0.0111	0.2256
22.00	5.2897	0.2629	2.3038	0.5848	0.0106	0.2467
23.98	5.9982	0.2689	2.3605	0.6336	0.0101	0.2690
25.96	6.7306	0.2793	2.3803	0.6840	0.0092	0.2926
28.01	7.5301	0.2876	2.3831	0.7390	0.0087	0.3178
30.06	8.3381	0.2959	2.3525	0.7969	0.0080	0.3439

Table 4. Continued

(bb) Concluded

TEST 1629 RUN 47 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.02	-0.3124	0.2080	-0.1882	-0.0516	-0.0046	-0.0244
-1.01	-0.1760	0.2073	-0.0967	-0.0221	-0.0020	-0.0129
0.02	-0.0370	0.2067	-0.0017	0.0033	0.0007	-0.0016
1.10	0.1079	0.2086	0.1031	0.0322	0.0040	0.0103
2.01	0.2277	0.2096	0.1852	0.0568	0.0067	0.0204
3.03	0.3748	0.2128	0.2674	0.0829	0.0096	0.0325
4.01	0.5275	0.2142	0.3397	0.1121	0.0116	0.0453
6.00	0.8581	0.2188	0.4740	0.1697	0.0140	0.0703
7.96	1.2214	0.2245	0.6253	0.2031	0.0141	0.0880
9.95	1.6760	0.2315	0.8297	0.2379	0.0121	0.1048
12.00	2.1693	0.2321	1.0899	0.2766	0.0119	0.1220
14.04	2.6823	0.2376	1.3316	0.3123	0.0113	0.1379
15.98	3.1814	0.2428	1.5570	0.3539	0.0108	0.1549
17.96	3.7298	0.2500	1.7805	0.3926	0.0105	0.1726
20.00	4.3233	0.2567	1.9174	0.4296	0.0103	0.1914
21.96	4.9287	0.2632	1.9775	0.4732	0.0097	0.2121
24.00	5.5879	0.2762	2.0134	0.5229	0.0088	0.2353
25.99	6.2615	0.2863	2.0370	0.5766	0.0082	0.2603
27.93	6.9325	0.3038	2.0510	0.6300	0.0080	0.2848
29.98	7.6916	0.3210	2.0241	0.6873	0.0078	0.3118

TEST 1629 RUN 48 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.98	-0.2851	0.1668	-0.1155	-0.0483	-0.0050	-0.0226
-1.03	-0.1664	0.1665	-0.0047	-0.0250	-0.0029	-0.0138
0.05	-0.0400	0.1697	0.1059	-0.0050	-0.0006	-0.0047
1.05	0.0816	0.1718	0.1997	0.0176	0.0014	0.0048
2.07	0.2068	0.1780	0.3108	0.0358	0.0038	0.0134
2.99	0.3236	0.1816	0.4002	0.0577	0.0056	0.0220
3.95	0.4554	0.1841	0.4982	0.0801	0.0072	0.0313
6.02	0.7727	0.1934	0.7031	0.1210	0.0092	0.0504
7.98	1.1194	0.2007	0.9174	0.1502	0.0093	0.0644
9.99	1.4990	0.2111	1.1776	0.1745	0.0090	0.0772
11.99	1.8965	0.2193	1.4306	0.2060	0.0089	0.0911
14.03	2.3346	0.2291	1.6706	0.2339	0.0088	0.1052
15.99	2.7797	0.2402	1.8599	0.2683	0.0088	0.1213
18.05	3.2737	0.2564	2.0328	0.3025	0.0088	0.1388
19.97	3.8008	0.2690	2.1756	0.3445	0.0086	0.1584
22.00	4.3844	0.2812	2.2910	0.3930	0.0082	0.1816
24.03	5.0225	0.3017	2.3819	0.4508	0.0077	0.2078
26.00	5.6673	0.3269	2.4733	0.5005	0.0076	0.2314
27.99	6.3520	0.3529	2.5702	0.5581	0.0076	0.2568
30.00	7.0653	0.3665	2.4792	0.6151	0.0073	0.2833

Table 4. Continued

(cc) Fin 10 at $\delta = 10^\circ$ TEST 1056 RUN 83 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.14	0.4907	0.2186	-1.0593	0.1810	0.0397	0.0981
-1.00	0.5163	0.2244	-1.0639	0.1882	0.0409	0.1017
0.01	0.7045	0.2365	-1.1249	0.2437	0.0494	0.1286
1.05	0.9071	0.2503	-1.1987	0.3029	0.0581	0.1565
2.01	1.1037	0.2688	-1.2801	0.3559	0.0664	0.1819
3.11	1.3395	0.2867	-1.3911	0.4227	0.0763	0.2116
4.02	1.5379	0.3002	-1.4917	0.4746	0.0845	0.2359
6.11	2.0300	0.3555	-1.7763	0.6110	0.1047	0.2919
8.00	2.5043	0.3857	-2.0954	0.7244	0.1223	0.3358
10.02	3.0645	0.4238	-2.5096	0.8472	0.1395	0.3787
11.99	3.6427	0.4450	-2.9214	0.9681	0.1542	0.4203
14.67	4.4450	0.4756	-3.4090	1.1244	0.1702	0.4748
15.15	4.5879	0.4747	-3.4936	1.1413	0.1734	0.4814

TEST 1056 RUN 82 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.10	0.5266	0.2318	-1.0887	0.1948	0.0418	0.1016
-0.98	0.5472	0.2301	-1.0965	0.2014	0.0428	0.1050
0.12	0.7608	0.2509	-1.1669	0.2574	0.0520	0.1332
1.23	0.9865	0.2675	-1.2644	0.3236	0.0614	0.1633
2.01	1.1571	0.2772	-1.3480	0.3706	0.0680	0.1859
2.99	1.3774	0.2966	-1.4758	0.4354	0.0759	0.2152
4.01	1.6183	0.3189	-1.6163	0.4993	0.0843	0.2444
6.02	2.1061	0.3662	-1.9318	0.6271	0.1005	0.2970
8.03	2.6628	0.4147	-2.3867	0.7596	0.1143	0.3504
10.01	3.2477	0.4503	-2.8877	0.8795	0.1245	0.3963
12.15	3.9009	0.4832	-3.4183	1.0076	0.1306	0.4423
14.11	4.4761	0.5029	-3.7797	1.0950	0.1341	0.4705
16.09	5.0599	0.5215	-4.0409	1.1807	0.1270	0.4969
18.04	5.5673	0.5271	-4.0890	1.2466	0.1273	0.5171
20.06	6.0653	0.5134	-4.3030	1.2982	0.1268	0.5313

Table 4. Continued

(cc) Continued

TEST 1056 RUN 93 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.10	0.5789	0.3548	-1.2155	0.2142	0.0285	0.1086
-0.78	0.6433	0.3589	-1.2500	0.2270	0.0302	0.1161
0.01	0.8037	0.3681	-1.3235	0.2704	0.0342	0.1365
1.05	1.0221	0.3865	-1.4423	0.3293	0.0390	0.1638
2.01	1.2221	0.4046	-1.5373	0.3867	0.0418	0.1906
3.01	1.4316	0.4220	-1.6101	0.4452	0.0450	0.2177
4.01	1.6461	0.4420	-1.7054	0.5006	0.0479	0.2430
6.01	2.0836	0.4896	-1.8934	0.6184	0.0539	0.2903
8.01	2.5639	0.5416	-2.1658	0.7196	0.0574	0.3310
10.00	3.0863	0.5859	-2.5196	0.8130	0.0585	0.3674
12.06	3.6695	0.6130	-2.8709	0.9094	0.0587	0.4027
14.11	4.2509	0.6306	-3.0959	0.9888	0.0582	0.4324
16.01	4.7806	0.6218	-3.1139	1.0544	0.0571	0.4578
18.00	5.3519	0.6279	-2.9647	1.1168	0.0557	0.4829
20.02	5.9931	0.6356	-2.5510	1.1609	0.0523	0.5027
22.02	6.7240	0.6111	-1.6237	1.1835	0.0452	0.5182

TEST 1802 RUN 33 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.26	0.3211	0.3100	-1.4375	0.1565	0.0158	0.0747
-1.30	0.4843	0.3223	-1.4533	0.1968	0.0191	0.0953
-0.30	0.6732	0.3362	-1.4751	0.2410	0.0225	0.1181
0.69	0.8480	0.3503	-1.5008	0.2920	0.0255	0.1415
1.70	1.0201	0.3626	-1.5238	0.3370	0.0279	0.1626
2.71	1.2041	0.3776	-1.5415	0.3841	0.0306	0.1847
3.71	1.3938	0.3920	-1.5631	0.4291	0.0329	0.2057
5.69	1.7691	0.4240	-1.6187	0.5254	0.0368	0.2462
7.67	2.1533	0.4519	-1.6710	0.6053	0.0398	0.2783
9.75	2.6235	0.4806	-1.7020	0.6838	0.0404	0.3089
11.75	3.1274	0.5043	-1.7487	0.7569	0.0394	0.3353
13.72	3.6529	0.5186	-1.6107	0.8243	0.0374	0.3585
15.74	4.3122	0.5243	-1.1332	0.8723	0.0354	0.3775
17.75	4.9251	0.5316	-0.4223	0.9227	0.0303	0.3985
19.74	5.4852	0.5343	0.3530	0.9735	0.0214	0.4223
21.71	6.1441	0.5233	0.8524	0.9702	0.0004	0.4362
23.70	6.9295	0.5287	1.3053	1.0031	-0.0071	0.4575
25.66	7.6469	0.5383	1.6723	1.0492	-0.0062	0.4810
27.71	8.4841	0.5499	1.9914	1.0939	-0.0046	0.5046
29.77	9.3586	0.5663	2.2271	1.1486	-0.0053	0.5313

Table 4. Continued

(cc) Continued

TEST 1802 RUN 35 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-3.01	0.1911	0.2718	-1.4676	0.1223	0.0118	0.0566
-1.99	0.3576	0.2845	-1.4598	0.1623	0.0143	0.0763
-1.06	0.5064	0.2957	-1.4542	0.1957	0.0162	0.0932
-0.05	0.6651	0.3071	-1.4431	0.2343	0.0182	0.1123
0.97	0.8354	0.3205	-1.4297	0.2707	0.0201	0.1313
1.98	1.0005	0.3328	-1.4105	0.3120	0.0219	0.1501
2.96	1.1603	0.3451	-1.3862	0.3503	0.0234	0.1669
4.96	1.5036	0.3726	-1.3114	0.4275	0.0266	0.1993
6.96	1.8570	0.3981	-1.2330	0.4982	0.0284	0.2274
8.98	2.2830	0.4190	-1.1405	0.5623	0.0275	0.2513
10.96	2.7733	0.4346	-1.0143	0.6143	0.0220	0.2725
12.98	3.3185	0.4487	-0.5075	0.6642	0.0165	0.2938
15.01	3.8876	0.4582	0.0957	0.7034	0.0177	0.3122
17.02	4.4273	0.4609	0.7656	0.7283	0.0083	0.3309
18.97	5.0822	0.4732	1.0385	0.7655	0.0041	0.3526
21.01	5.7665	0.4918	1.3722	0.8139	0.0026	0.3764
23.02	6.5006	0.5040	1.5668	0.8619	-0.0015	0.4016
24.99	7.2258	0.5314	1.6988	0.9145	-0.0021	0.4264
26.99	8.0009	0.5540	1.8150	0.9730	-0.0027	0.4538
28.95	8.7424	0.5778	1.8725	1.0273	-0.0036	0.4805

TEST 1629 RUN 38 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.98	0.2320	0.2749	-1.3794	0.1304	0.0101	0.0617
-0.97	0.3937	0.2884	-1.3594	0.1594	0.0120	0.0783
0.05	0.5539	0.3018	-1.3326	0.1896	0.0134	0.0947
0.99	0.7009	0.3134	-1.2974	0.2178	0.0146	0.1096
1.99	0.8444	0.3268	-1.2552	0.2536	0.0157	0.1255
3.04	1.0063	0.3404	-1.1964	0.2948	0.0171	0.1423
4.05	1.1649	0.3535	-1.1345	0.3316	0.0184	0.1577
6.03	1.4903	0.3800	-0.9926	0.3973	0.0208	0.1843
7.96	1.8403	0.4015	-0.8611	0.4550	0.0214	0.2067
10.01	2.2914	0.4202	-0.6787	0.5157	0.0165	0.2277
12.02	2.8199	0.4336	-0.4126	0.5477	0.0096	0.2484
14.05	3.3440	0.4448	0.1130	0.5879	0.0099	0.2661
16.03	3.8830	0.4568	0.5931	0.6210	0.0042	0.2855
18.01	4.5025	0.4748	0.8836	0.6668	0.0009	0.3089
20.00	5.1414	0.4930	1.1251	0.7167	-0.0004	0.3332
21.98	5.8037	0.5043	1.2926	0.7656	-0.0019	0.3576
24.01	6.5187	0.5319	1.3207	0.8232	-0.0036	0.3836
26.00	7.2619	0.5642	1.3301	0.8793	-0.0045	0.4116
27.99	8.0413	0.5923	1.3654	0.9351	-0.0044	0.4400
30.01	8.8300	0.6148	1.3804	0.9972	-0.0072	0.4700

Table 4. Continued

(cc) Concluded

TEST 1629 RUN 41 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.00	0.1607	0.2479	-1.2925	0.1151	0.0074	0.0528
-1.06	0.3031	0.2581	-1.2301	0.1481	0.0086	0.0672
0.04	0.4598	0.2760	-1.1538	0.1756	0.0099	0.0819
0.99	0.5986	0.2867	-1.0788	0.2043	0.0114	0.0954
2.06	0.7517	0.2966	-0.9900	0.2356	0.0132	0.1098
3.00	0.8869	0.3055	-0.9120	0.2622	0.0141	0.1220
3.96	1.0328	0.3139	-0.8226	0.2887	0.0155	0.1342
6.01	1.3478	0.3400	-0.6155	0.3397	0.0172	0.1572
8.01	1.7168	0.3606	-0.3993	0.3932	0.0159	0.1752
9.99	2.1638	0.3697	-0.2180	0.4172	0.0103	0.1901
12.05	2.6319	0.3819	0.1097	0.4542	0.0086	0.2089
14.02	3.1213	0.3981	0.3400	0.4902	0.0056	0.2286
16.00	3.6588	0.4178	0.5448	0.5329	0.0033	0.2510
18.01	4.2290	0.4379	0.7168	0.5780	0.0015	0.2753
20.06	4.8461	0.4645	0.8046	0.6320	-0.0006	0.3027
22.04	5.4892	0.4900	0.8511	0.6881	-0.0022	0.3312
23.98	6.1358	0.5152	0.8417	0.7474	-0.0043	0.3616
26.08	6.8574	0.5519	0.8046	0.8186	-0.0066	0.3963
28.03	7.5806	0.5948	0.7664	0.8819	-0.0090	0.4292
30.03	8.3367	0.6362	0.7017	0.9468	-0.0108	0.4621

TEST 1629 RUN 42 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.96	0.0522	0.2014	-0.8939	0.0698	0.0062	0.0398
-0.95	0.1906	0.2111	-0.8167	0.0994	0.0076	0.0523
-0.02	0.3089	0.2199	-0.7444	0.1257	0.0089	0.0637
0.98	0.4386	0.2323	-0.6678	0.1535	0.0097	0.0755
2.14	0.5950	0.2464	-0.5612	0.1830	0.0114	0.0895
3.07	0.7119	0.2562	-0.4718	0.2055	0.0119	0.0993
4.01	0.8437	0.2676	-0.3734	0.2183	0.0123	0.1081
5.98	1.1418	0.2887	-0.1556	0.2625	0.0137	0.1267
7.99	1.4998	0.3035	0.0586	0.2886	0.0114	0.1411
10.09	1.9065	0.3233	0.2854	0.3211	0.0087	0.1591
12.02	2.3123	0.3436	0.4871	0.3532	0.0068	0.1762
14.00	2.7507	0.3663	0.6675	0.3954	0.0049	0.1968
16.05	3.2416	0.3931	0.8184	0.4506	0.0032	0.2214
18.03	3.7585	0.4225	0.9142	0.4961	0.0009	0.2467
19.98	4.3224	0.4564	0.9760	0.5537	-0.0015	0.2765
22.05	4.9677	0.4926	0.9841	0.6211	-0.0045	0.3110
24.01	5.6268	0.5318	0.9612	0.6885	-0.0076	0.3464
26.05	6.3411	0.5798	0.9515	0.7562	-0.0099	0.3817
28.00	7.0601	0.6285	0.9545	0.8279	-0.0117	0.4171
29.94	7.8057	0.6713	0.9195	0.8983	-0.0135	0.4521

Table 4. Continued

(dd) Fin 10 at $\delta = -10^\circ$ TEST 1056 RUN 78 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.34	-1.0387	0.2666	1.3473	-0.3467	-0.0629	-0.1679
-0.82	-0.9321	0.2527	1.2996	-0.3152	-0.0582	-0.1533
0.05	-0.7572	0.2424	1.2330	-0.2641	-0.0507	-0.1290
1.02	-0.5702	0.2210	1.1664	-0.2137	-0.0422	-0.1035
2.48	-0.3185	0.2069	1.1228	-0.1439	-0.0305	-0.0689
3.03	-0.2279	0.1976	1.1093	-0.1182	-0.0260	-0.0570
4.04	-0.0658	0.1856	1.1058	-0.0784	-0.0181	-0.0374
6.02	0.2187	0.1647	1.1472	-0.0130	-0.0031	-0.0085
8.06	0.4911	0.1501	1.2705	0.0341	0.0121	0.0127
10.06	0.7971	0.1236	1.3871	0.0916	0.0287	0.0372
12.01	1.1452	0.0876	1.4690	0.1587	0.0449	0.0698
14.02	1.5440	0.0438	1.5334	0.2422	0.0614	0.1088
16.01	2.0009	-0.0077	1.5513	0.3311	0.0785	0.1515
18.03	2.5163	-0.0555	1.5309	0.4279	0.0946	0.1940
20.01	3.0563	-0.1200	1.4930	0.5258	0.1095	0.2342
22.03	3.6549	-0.1801	1.4046	0.6172	0.1234	0.2689

TEST 1056 RUN 77 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.33	-1.0802	0.2775	1.3939	-0.3437	-0.0645	-0.1733
-0.97	-1.0023	0.2698	1.3607	-0.3232	-0.0614	-0.1634
0.04	-0.7905	0.2510	1.2709	-0.2650	-0.0525	-0.1355
1.11	-0.5825	0.2323	1.1957	-0.2043	-0.0435	-0.1071
2.03	-0.4132	0.2203	1.1530	-0.1571	-0.0359	-0.0843
3.01	-0.2396	0.2058	1.1172	-0.1121	-0.0278	-0.0612
4.02	-0.0691	0.1941	1.0997	-0.0657	-0.0196	-0.0395
6.05	0.2392	0.1791	1.1449	-0.0063	-0.0034	-0.0102
8.02	0.5088	0.1637	1.2851	0.0465	0.0136	0.0105
10.04	0.8354	0.1391	1.4074	0.1081	0.0310	0.0361
12.09	1.2311	0.0993	1.4949	0.1811	0.0486	0.0720
14.02	1.6449	0.0574	1.5784	0.2605	0.0645	0.1098
16.04	2.1368	0.0103	1.6339	0.3568	0.0812	0.1535
18.03	2.6845	-0.0448	1.6412	0.4565	0.0953	0.1982
20.10	3.3034	-0.1034	1.5813	0.5545	0.1082	0.2420
22.05	3.9101	-0.1735	1.2546	0.6521	0.1189	0.2803

Table 4. Continued

(dd) Continued

TEST 1056 RUN 76 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.29	-1.0800	0.4119	1.5460	-0.3654	-0.0397	-0.1773
-0.98	-1.0150	0.4073	1.5070	-0.3463	-0.0384	-0.1687
0.01	-0.8081	0.3863	1.3939	-0.2876	-0.0338	-0.1420
1.09	-0.5958	0.3648	1.2973	-0.2301	-0.0283	-0.1142
2.18	-0.3877	0.3412	1.2397	-0.1714	-0.0227	-0.0859
3.05	-0.2388	0.3291	1.2559	-0.1267	-0.0182	-0.0651
4.03	-0.0660	0.3247	1.2320	-0.0837	-0.0123	-0.0441
6.07	0.2568	0.3149	1.3061	-0.0134	0.0008	-0.0128
8.02	0.5625	0.3124	1.4475	0.0437	0.0138	0.0115
10.06	0.9213	0.2935	1.6052	0.1008	0.0283	0.0368
12.02	1.3362	0.2649	1.7080	0.1697	0.0402	0.0712
14.05	1.8272	0.2224	1.8247	0.2519	0.0498	0.1119
16.02	2.3498	0.1859	1.9801	0.3348	0.0577	0.1496
18.02	2.9366	0.1391	2.2345	0.4198	0.0636	0.1867
20.06	3.6466	0.0894	2.6627	0.5072	0.0672	0.2211
22.05	4.4100	0.0441	3.0464	0.5882	0.0681	0.2522

TEST 1802 RUN 32 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.86	-1.2090	0.3757	1.4490	-0.3723	-0.0310	-0.1819
-1.89	-1.0401	0.3624	1.4304	-0.3313	-0.0286	-0.1613
-0.92	-0.8671	0.3493	1.4079	-0.2846	-0.0260	-0.1398
0.13	-0.6823	0.3354	1.3854	-0.2370	-0.0227	-0.1164
1.20	-0.4936	0.3210	1.3608	-0.1876	-0.0192	-0.0924
2.10	-0.3330	0.3088	1.3421	-0.1501	-0.0161	-0.0730
3.16	-0.1520	0.2958	1.3255	-0.1033	-0.0120	-0.0509
5.10	0.1768	0.2767	1.3512	-0.0384	-0.0038	-0.0185
7.10	0.4943	0.2590	1.4647	0.0145	0.0075	0.0052
9.12	0.8561	0.2429	1.6564	0.0663	0.0195	0.0280
11.16	1.2698	0.2185	1.8586	0.1306	0.0289	0.0580
13.12	1.7555	0.1899	2.0728	0.1959	0.0352	0.0915
15.16	2.3907	0.1575	2.4802	0.2652	0.0400	0.1251
17.14	3.0194	0.1275	2.9865	0.3234	0.0419	0.1525
19.14	3.6775	0.1008	3.5100	0.3851	0.0427	0.1793
21.15	4.3926	0.0878	3.9998	0.4296	0.0360	0.1951
23.15	5.1766	0.0662	4.4337	0.4753	0.0333	0.2133
25.16	6.0133	0.0431	4.7071	0.5302	0.0356	0.2351
27.22	6.9144	0.0162	4.8428	0.6040	0.0365	0.2652
29.12	7.7305	-0.0020	4.8495	0.6563	0.0354	0.2863

Table 4. Continued

(dd) Continued

TEST 1802 RUN 36 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-3.59	-1.2215	0.3486	1.2295	-0.3588	-0.0230	-0.1697
-2.63	-1.0668	0.3372	1.2511	-0.3228	-0.0215	-0.1530
-1.63	-0.9031	0.3230	1.2651	-0.2775	-0.0197	-0.1338
-0.60	-0.7319	0.3103	1.2756	-0.2391	-0.0179	-0.1150
0.40	-0.5736	0.2980	1.2843	-0.2022	-0.0160	-0.0962
1.44	-0.3985	0.2853	1.2951	-0.1639	-0.0137	-0.0768
2.37	-0.2481	0.2751	1.2984	-0.1313	-0.0115	-0.0600
4.38	0.0955	0.2533	1.3288	-0.0572	-0.0052	-0.0252
6.36	0.4187	0.2348	1.4375	-0.0061	0.0026	-0.0013
8.41	0.7891	0.2184	1.6484	0.0444	0.0123	0.0210
10.39	1.2089	0.2023	1.9103	0.0835	0.0194	0.0418
12.48	1.7971	0.1836	2.2839	0.1386	0.0214	0.0702
14.36	2.3397	0.1627	2.7484	0.1882	0.0250	0.0946
16.42	2.9428	0.1478	3.2597	0.2494	0.0257	0.1148
18.41	3.5946	0.1300	3.6182	0.2945	0.0255	0.1345
20.42	4.3036	0.1160	3.8401	0.3510	0.0251	0.1585
22.38	5.0072	0.1041	4.0448	0.3966	0.0239	0.1801
24.45	5.7562	0.0972	4.2219	0.4438	0.0228	0.2020
26.37	6.4746	0.0891	4.3475	0.4874	0.0221	0.2216
28.40	7.2488	0.0792	4.4649	0.5410	0.0215	0.2439

TEST 1629 RUN 39 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.04	-0.9610	0.3297	1.3036	-0.2868	-0.0172	-0.1369
-1.02	-0.8089	0.3176	1.3383	-0.2523	-0.0160	-0.1216
0.01	-0.6489	0.3062	1.3693	-0.2135	-0.0146	-0.1043
1.07	-0.4879	0.2927	1.4045	-0.1793	-0.0132	-0.0872
1.94	-0.3579	0.2872	1.4316	-0.1549	-0.0121	-0.0745
3.01	-0.1880	0.2750	1.4657	-0.1173	-0.0101	-0.0561
4.07	-0.0181	0.2639	1.4964	-0.0851	-0.0078	-0.0397
6.04	0.3028	0.2512	1.5936	-0.0282	-0.0020	-0.0132
7.99	0.6517	0.2354	1.7606	0.0210	0.0056	0.0099
9.97	1.0541	0.2228	2.0301	0.0606	0.0127	0.0302
11.99	1.5623	0.2084	2.3952	0.1024	0.0158	0.0514
13.98	2.1146	0.1889	2.7744	0.1556	0.0195	0.0782
16.03	2.7187	0.1778	3.1358	0.2079	0.0198	0.1013
17.97	3.3234	0.1616	3.4134	0.2533	0.0186	0.1202
19.97	3.9509	0.1493	3.6597	0.2952	0.0175	0.1387
21.96	4.6007	0.1421	3.8933	0.3362	0.0171	0.1572
23.98	5.2805	0.1329	4.0076	0.3785	0.0167	0.1757
26.00	6.0048	0.1284	4.0898	0.4199	0.0161	0.1951
28.02	6.7506	0.1241	4.1691	0.4617	0.0152	0.2144
29.97	7.5015	0.1180	4.2103	0.5106	0.0143	0.2351

Table 4. Continued

(dd) Concluded

TEST 1629 RUN 40 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.96	-0.7945	0.2984	1.0009	-0.2433	-0.0129	-0.1140
-0.99	-0.6575	0.2873	1.0721	-0.2187	-0.0120	-0.1019
-0.05	-0.5246	0.2770	1.1541	-0.1951	-0.0110	-0.0898
0.99	-0.3740	0.2660	1.2264	-0.1652	-0.0097	-0.0757
2.02	-0.2266	0.2602	1.2915	-0.1358	-0.0083	-0.0612
3.00	-0.0797	0.2507	1.3346	-0.1044	-0.0070	-0.0464
4.04	0.0851	0.2391	1.3854	-0.0728	-0.0053	-0.0316
6.02	0.4067	0.2262	1.5150	-0.0251	0.0000	-0.0092
8.00	0.7776	0.2108	1.6914	0.0190	0.0069	0.0115
10.03	1.2234	0.2044	1.9742	0.0495	0.0109	0.0281
11.96	1.6723	0.1940	2.2346	0.0901	0.0106	0.0465
14.00	2.1736	0.1845	2.5039	0.1259	0.0105	0.0624
16.01	2.6874	0.1763	2.7690	0.1566	0.0105	0.0767
17.97	3.2009	0.1734	3.0422	0.1852	0.0104	0.0907
20.00	3.7587	0.1720	3.2477	0.2256	0.0104	0.1076
22.01	4.3425	0.1672	3.4116	0.2671	0.0105	0.1247
23.97	4.9389	0.1701	3.5331	0.3070	0.0105	0.1419
25.95	5.5610	0.1664	3.6601	0.3518	0.0110	0.1606
28.04	6.2463	0.1695	3.7718	0.3977	0.0116	0.1810
29.99	6.9082	0.1672	3.8684	0.4432	0.0121	0.2006

TEST 1629 RUN 43 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.96	-0.6772	0.2537	0.7099	-0.1683	-0.0105	-0.0869
-1.03	-0.5619	0.2437	0.8036	-0.1512	-0.0093	-0.0776
-0.08	-0.4473	0.2328	0.8843	-0.1310	-0.0089	-0.0674
1.01	-0.3016	0.2241	0.9739	-0.1021	-0.0076	-0.0541
2.01	-0.1760	0.2163	1.0549	-0.0741	-0.0065	-0.0421
2.99	-0.0356	0.2108	1.1319	-0.0462	-0.0052	-0.0302
3.99	0.1085	0.2043	1.2008	-0.0287	-0.0039	-0.0205
6.03	0.4265	0.1931	1.3508	0.0103	0.0000	-0.0014
7.99	0.7752	0.1913	1.5692	0.0392	0.0026	0.0132
9.98	1.1409	0.1913	1.8548	0.0625	0.0043	0.0236
11.95	1.5169	0.1922	2.1543	0.0808	0.0055	0.0328
14.03	1.9256	0.1934	2.4584	0.1053	0.0064	0.0434
15.98	2.3339	0.1977	2.7201	0.1298	0.0069	0.0545
18.03	2.8091	0.1965	2.9768	0.1584	0.0076	0.0674
20.04	3.3082	0.2028	3.2188	0.1888	0.0084	0.0811
22.04	3.8507	0.2119	3.4343	0.2258	0.0091	0.0971
23.95	4.3937	0.2191	3.6551	0.2641	0.0096	0.1129
25.94	4.9905	0.2307	3.8918	0.3018	0.0108	0.1297
27.95	5.6267	0.2432	4.1379	0.3476	0.0120	0.1488
29.95	6.2938	0.2478	4.3381	0.3898	0.0132	0.1682

Table 4. Continued

(ee) Fin 11 at $\delta = 0^\circ$ TEST 1056 RUN 22 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.17	-0.3291	0.1667	0.2035	-0.0471	-0.0144	-0.0211
0.02	-0.0126	0.1657	0.0306	0.0000	0.0000	0.0000
1.01	0.2371	0.1773	-0.0904	0.0366	0.0112	0.0168
2.01	0.5050	0.1645	-0.2493	0.0884	0.0240	0.0360
3.00	0.8057	0.1660	-0.4512	0.1460	0.0381	0.0580
4.02	1.1383	0.1550	-0.7147	0.2152	0.0519	0.0842
5.99	1.8458	0.1465	-1.3296	0.3460	0.0782	0.1390
8.01	2.6161	0.1408	-2.0489	0.4900	0.1034	0.1967
10.00	3.4293	0.1239	-2.8200	0.6253	0.1244	0.2505
12.01	4.2640	0.1150	-3.5950	0.7534	0.1415	0.2992
14.00	5.1233	0.0969	-4.3958	0.8711	0.1553	0.3439
16.02	6.0043	0.0877	-5.3071	0.9823	0.1564	0.3760
17.99	6.8388	0.0918	-6.2121	1.0517	0.1259	0.4039
20.01	7.6930	0.0716	-6.8901	1.1570	0.1236	0.4457
22.04	8.6499	0.0384	-7.6211	1.2678	0.1274	0.4928

TEST 1056 RUN 21 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.32	-0.3710	0.1743	0.2335	-0.0496	-0.0189	-0.0230
0.03	-0.0030	0.1761	0.0346	0.0000	0.0000	0.0000
1.00	0.2462	0.1766	-0.0800	0.0445	0.0136	0.0170
1.99	0.5360	0.1710	-0.2557	0.0889	0.0277	0.0372
3.01	0.8607	0.1687	-0.4858	0.1535	0.0432	0.0622
4.01	1.2180	0.1635	-0.7805	0.2220	0.0584	0.0907
6.04	2.0212	0.1574	-1.5439	0.3655	0.0867	0.1545
8.02	2.8541	0.1553	-2.4048	0.5203	0.1056	0.2135
10.00	3.7135	0.1668	-3.3408	0.6513	0.1162	0.2643
12.00	4.5935	0.1611	-4.2623	0.7810	0.1225	0.3092
14.02	5.3458	0.1623	-4.9400	0.8587	0.1176	0.3329
16.04	5.8452	0.1539	-5.2531	0.8920	0.0905	0.3289
18.02	6.2580	0.1453	-5.1454	0.9302	0.0770	0.3363
20.08	7.0012	0.1168	-5.4373	1.0026	0.0772	0.3649
22.02	7.9425	0.0960	-6.2771	1.1251	0.0782	0.4110

Table 4. Continued

(ee) Continued

TEST 1056 RUN 20 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.17	-0.3868	0.3383	0.4210	-0.0601	-0.0110	-0.0253
0.00	0.0030	0.3241	0.0530	0.0000	0.0000	0.0000
1.05	0.3543	0.3245	-0.2799	0.0590	0.0098	0.0235
2.00	0.6772	0.3180	-0.5563	0.1134	0.0194	0.0461
2.99	1.0205	0.3171	-0.8343	0.1793	0.0294	0.0724
3.99	1.3955	0.3222	-1.2002	0.2467	0.0387	0.1003
6.00	2.1777	0.3417	-1.9919	0.3836	0.0546	0.1591
8.01	3.0145	0.3490	-2.8892	0.5240	0.0640	0.2199
10.00	3.8704	0.3485	-3.7894	0.6628	0.0683	0.2806
12.01	4.7052	0.3410	-4.5296	0.7831	0.0710	0.3332
14.03	5.5379	0.3323	-5.1532	0.8836	0.0732	0.3796
16.00	6.3706	0.3162	-5.6767	0.9897	0.0757	0.4196
18.02	7.2527	0.3093	-6.0887	1.1314	0.0749	0.4581
20.02	8.2106	0.2774	-6.1198	1.2284	0.0712	0.4894
22.02	9.1635	0.2709	-5.9936	1.2991	0.0698	0.5132

TEST 1802 RUN 62 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.03	-0.5745	0.2863	0.4220	-0.0840	-0.0137	-0.0371
-1.09	-0.3083	0.2858	0.2016	-0.0447	-0.0082	-0.0198
-0.03	0.0079	0.2853	-0.0568	0.0094	-0.0014	0.0018
0.95	0.3050	0.2852	-0.2971	0.0616	0.0053	0.0229
1.93	0.5845	0.2851	-0.5345	0.1173	0.0118	0.0437
2.94	0.8908	0.2843	-0.7998	0.1696	0.0181	0.0652
3.97	1.2080	0.2855	-1.0838	0.2245	0.0237	0.0889
5.98	1.8686	0.2918	-1.7177	0.3351	0.0324	0.1390
7.94	2.5439	0.2931	-2.3489	0.4437	0.0393	0.1873
9.93	3.2809	0.2871	-2.9198	0.5459	0.0435	0.2352
11.94	3.9666	0.2761	-3.3127	0.6255	0.0458	0.2730
13.93	4.7387	0.2685	-3.5735	0.7059	0.0472	0.3084
16.02	5.6465	0.2587	-3.5613	0.7925	0.0473	0.3421
17.94	6.4281	0.2477	-3.2985	0.8644	0.0468	0.3670
19.97	7.2501	0.2385	-3.0487	0.9327	0.0442	0.3926
22.02	8.1380	0.2311	-2.8108	0.9842	0.0391	0.4138
23.98	9.0472	0.2212	-2.7310	1.0454	0.0366	0.4376
25.98	9.9658	0.2161	-2.6581	1.1120	0.0362	0.4629
28.02	11.0080	0.2157	-2.5991	1.1759	0.0366	0.4864
29.93	11.9680	0.2121	-2.8720	1.2343	0.0354	0.5102

Table 4. Continued

(ee) Continued

TEST 1802 RUN 63 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.20	-0.5320	0.2593	0.3225	-0.0795	-0.0100	-0.0363
-1.20	-0.2737	0.2579	0.1281	-0.0338	-0.0052	-0.0182
-0.19	-0.0157	0.2567	-0.0552	0.0034	-0.0003	-0.0021
0.82	0.2519	0.2563	-0.2363	0.0432	0.0047	0.0150
1.80	0.5189	0.2575	-0.4302	0.0897	0.0097	0.0335
2.83	0.7931	0.2586	-0.6402	0.1360	0.0141	0.0522
3.80	1.0520	0.2598	-0.8369	0.1794	0.0178	0.0703
5.80	1.6236	0.2635	-1.2701	0.2738	0.0244	0.1096
7.78	2.2450	0.2682	-1.6881	0.3565	0.0284	0.1486
9.79	2.8857	0.2646	-1.9721	0.4355	0.0309	0.1848
11.78	3.5896	0.2613	-2.0605	0.5022	0.0300	0.2160
13.83	4.3433	0.2592	-1.9173	0.5698	0.0312	0.2443
15.79	5.0503	0.2524	-1.6426	0.6229	0.0307	0.2669
17.80	5.8297	0.2496	-1.5553	0.6752	0.0283	0.2905
19.83	6.6696	0.2469	-1.5635	0.7290	0.0285	0.3153
21.80	7.4938	0.2489	-1.5751	0.7872	0.0278	0.3393
23.84	8.3627	0.2539	-1.6228	0.8492	0.0275	0.3637
25.79	9.2451	0.2623	-1.7982	0.9137	0.0271	0.3897
27.85	10.2140	0.2666	-2.0449	0.9796	0.0273	0.4175
29.85	11.1170	0.2699	-2.3557	1.0375	0.0276	0.4447

TEST 1629 RUN 126 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.03	-0.6000	0.2560	0.4621	-0.0998	-0.0095	-0.0306
-1.05	-0.3668	0.2554	0.2937	-0.0580	-0.0056	-0.0152
0.04	-0.0759	0.2559	0.0875	-0.0121	-0.0008	0.0009
1.02	0.1473	0.2568	-0.0715	0.0208	0.0025	0.0152
2.03	0.4061	0.2584	-0.2562	0.0587	0.0065	0.0306
2.99	0.6595	0.2608	-0.4238	0.0985	0.0103	0.0471
4.02	0.9162	0.2626	-0.6020	0.1532	0.0143	0.0654
5.97	1.4302	0.2695	-0.9320	0.2391	0.0213	0.0998
8.04	2.0228	0.2719	-1.2525	0.3275	0.0257	0.1365
10.00	2.6179	0.2740	-1.4204	0.3910	0.0270	0.1656
11.97	3.2604	0.2763	-1.3880	0.4474	0.0272	0.1903
14.05	3.9591	0.2775	-1.2617	0.5060	0.0285	0.2149
15.98	4.6427	0.2775	-1.1764	0.5687	0.0273	0.2396
18.02	5.3973	0.2762	-1.1525	0.6258	0.0272	0.2626
20.01	6.1529	0.2814	-1.1446	0.6821	0.0282	0.2853
22.02	6.9230	0.2814	-1.1539	0.7316	0.0293	0.3087
24.03	7.7572	0.2803	-1.3650	0.7891	0.0292	0.3351
26.00	8.6197	0.2939	-1.6608	0.8461	0.0303	0.3614
27.98	9.5087	0.3018	-1.9020	0.9048	0.0309	0.3887
30.04	10.4660	0.3092	-2.2664	0.9751	0.0320	0.4175

Table 4. Continued

(ee) Concluded

TEST 1629 RUN 129 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.01	-0.4949	0.2297	0.2016	-0.0518	-0.0056	-0.0226
-0.95	-0.2683	0.2274	0.1138	-0.0163	-0.0027	-0.0097
-0.05	-0.0725	0.2278	0.0456	-0.0023	-0.0008	-0.0009
0.98	0.1472	0.2295	-0.0322	0.0308	0.0018	0.0122
2.06	0.3814	0.2301	-0.1265	0.0695	0.0052	0.0266
2.99	0.5882	0.2322	-0.2074	0.1089	0.0079	0.0400
3.96	0.8044	0.2353	-0.2887	0.1397	0.0109	0.0525
6.05	1.2965	0.2416	-0.4600	0.2330	0.0158	0.0840
8.02	1.8118	0.2460	-0.5923	0.2957	0.0186	0.1107
10.00	2.3781	0.2515	-0.6526	0.3460	0.0197	0.1352
11.99	2.9575	0.2561	-0.6207	0.4008	0.0213	0.1578
13.98	3.5594	0.2601	-0.5954	0.4486	0.0219	0.1780
16.01	4.2015	0.2674	-0.5997	0.4799	0.0223	0.1969
17.98	4.8542	0.2759	-0.6250	0.5246	0.0234	0.2194
20.01	5.5688	0.2824	-0.7628	0.5774	0.0226	0.2444
21.96	6.2897	0.2924	-0.9581	0.6444	0.0242	0.2701
24.02	7.0907	0.3041	-1.2006	0.6960	0.0238	0.2963
26.01	7.8949	0.3145	-1.4651	0.7772	0.0252	0.3283
28.06	8.7555	0.3271	-1.7736	0.8503	0.0254	0.3602
30.05	9.6400	0.3453	-2.1639	0.9256	0.0261	0.3928

TEST 1629 RUN 130 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.05	-0.4176	0.1928	0.1580	-0.0247	-0.0026	-0.0198
-1.01	-0.2402	0.1887	0.1672	-0.0141	-0.0018	-0.0117
0.04	-0.0630	0.1882	0.1505	0.0013	-0.0004	-0.0027
0.96	0.1018	0.1897	0.1386	0.0192	0.0015	0.0054
2.04	0.2860	0.1938	0.1264	0.0320	0.0025	0.0137
2.96	0.4540	0.1973	0.1268	0.0508	0.0043	0.0224
4.02	0.6562	0.2019	0.1231	0.0751	0.0067	0.0326
4.95	0.8311	0.2031	0.1196	0.1060	0.0088	0.0446
6.00	1.0477	0.2051	0.1201	0.1317	0.0113	0.0572
8.07	1.5184	0.2080	0.1222	0.1692	0.0135	0.0767
9.96	1.9648	0.2250	0.1884	0.2297	0.0153	0.0985
12.03	2.4779	0.2370	0.2466	0.2684	0.0163	0.1196
13.98	2.9901	0.2502	0.2665	0.3008	0.0167	0.1386
16.02	3.5576	0.2655	0.2309	0.3224	0.0172	0.1596
17.97	4.1564	0.2831	0.1445	0.3635	0.0195	0.1829
19.95	4.8165	0.2993	0.0200	0.4114	0.0199	0.2101
22.06	5.5829	0.3176	-0.1807	0.4574	0.0212	0.2416
24.02	6.3249	0.3390	-0.4058	0.5202	0.0223	0.2725
26.00	7.1410	0.3647	-0.6432	0.5944	0.0234	0.3071
28.04	8.0301	0.3886	-0.9149	0.6686	0.0243	0.3428
30.05	8.9308	0.4090	-1.2331	0.7423	0.0254	0.3781

Table 4. Continued

(ff) Fin 11 at $\delta = 10^\circ$ TEST 1056 RUN 19 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-0.94	1.6729	0.3810	-2.8895	0.3666	0.0737	0.1586
0.02	2.0321	0.4159	-3.2332	0.4387	0.0859	0.1883
1.04	2.4287	0.4602	-3.6216	0.5125	0.0992	0.2203
2.01	2.8032	0.4992	-3.9942	0.5836	0.1102	0.2485
3.00	3.1793	0.5351	-4.3654	0.6566	0.1208	0.2758
4.26	3.6550	0.5850	-4.8321	0.7353	0.1329	0.3068
6.02	4.3359	0.6625	-5.5082	0.8522	0.1463	0.3501
8.03	5.1505	0.7448	-6.3572	0.9845	0.1574	0.4015
10.01	5.9436	0.8185	-7.1959	1.0981	0.1607	0.4463
12.02	6.6478	0.8643	-7.9704	1.1910	0.1447	0.4691
14.01	7.2620	0.9079	-8.5708	1.2239	0.1187	0.4690
15.99	6.9085	0.8147	-7.2646	0.9078	0.0803	0.3350
18.00	6.5709	0.7433	-5.9052	0.9650	0.0824	0.3603
20.04	7.1686	0.7544	-6.1144	1.0182	0.0827	0.3811
22.02	7.8274	0.7681	-6.4142	1.0737	0.0829	0.4037

TEST 1056 RUN 18 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-0.92	1.8504	0.4146	-3.1998	0.3936	0.0793	0.1639
0.05	2.2544	0.4591	-3.6278	0.4742	0.0897	0.1970
1.00	2.6475	0.5053	-4.0651	0.5548	0.0978	0.2276
2.01	3.0523	0.5516	-4.5270	0.6408	0.1046	0.2570
3.00	3.4414	0.6005	-4.9762	0.7148	0.1095	0.2818
4.05	3.8382	0.6439	-5.4104	0.7856	0.1139	0.3038
6.03	4.4607	0.7300	-6.0343	0.8680	0.1123	0.3297
8.02	4.9591	0.7741	-6.5068	0.8993	0.0980	0.3354
10.02	5.1635	0.7711	-6.4352	0.9051	0.0782	0.3275
12.00	5.6707	0.7957	-6.7027	0.9851	0.0781	0.3440
14.03	6.1606	0.8100	-6.8240	1.0276	0.0767	0.3591
16.01	6.6139	0.8030	-6.8427	1.0378	0.0746	0.3663
18.01	7.2051	0.8253	-7.0258	1.0777	0.0723	0.3854
20.01	7.8866	0.8484	-7.2975	1.1676	0.0709	0.4216
22.01	8.7270	0.8927	-7.9720	1.2933	0.0677	0.4658

Table 4. Continued

(ff) Continued

TEST 1056 RUN 17 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-0.95	1.8855	0.5831	-3.6705	0.3984	0.0426	0.1584
0.02	2.2841	0.6259	-4.1541	0.4755	0.0473	0.1909
1.00	2.6804	0.6631	-4.6381	0.5497	0.0518	0.2237
2.00	3.0758	0.7083	-5.1063	0.6195	0.0552	0.2544
3.00	3.4604	0.7502	-5.5151	0.6934	0.0590	0.2846
4.01	3.8412	0.7953	-5.9234	0.7674	0.0634	0.3133
6.00	4.5983	0.8950	-6.7300	0.8930	0.0693	0.3673
8.00	5.3421	0.9837	-7.4907	0.9973	0.0706	0.4143
10.00	6.0926	1.0485	-8.2186	1.1023	0.0699	0.4569
12.01	6.8290	1.0953	-8.8173	1.2003	0.0694	0.4934
14.01	7.5367	1.1406	-9.2270	1.2871	0.0682	0.5244
16.00	8.1893	1.1775	-9.3426	1.3532	0.0681	0.5490
18.01	8.8662	1.1975	-9.3456	1.4150	0.0701	0.5648
20.01	9.6500	1.2074	-9.0374	1.4783	0.0656	0.5799
22.01	10.4620	1.2205	-8.6639	1.5233	0.0704	0.5867

TEST 1802 RUN 66 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.00	1.6779	0.6058	-4.1812	0.5003	0.0338	0.2234
-1.03	1.9683	0.6444	-4.4659	0.5493	0.0361	0.2445
-0.06	2.2816	0.6851	-4.7565	0.6138	0.0391	0.2698
0.95	2.5782	0.7229	-5.0393	0.6700	0.0421	0.2925
1.96	2.8879	0.7651	-5.3262	0.7196	0.0443	0.3144
2.98	3.1745	0.8026	-5.5807	0.7736	0.0471	0.3356
3.98	3.5020	0.8412	-5.8590	0.8278	0.0500	0.3574
5.96	4.0758	0.9131	-6.3385	0.9159	0.0545	0.3925
7.95	4.6721	0.9816	-6.7548	1.0004	0.0581	0.4246
9.96	5.2868	1.0436	-7.0878	1.0628	0.0578	0.4523
11.92	5.9218	1.0991	-7.3083	1.1370	0.0552	0.4808
14.00	6.6089	1.1462	-7.3152	1.2068	0.0493	0.5083
16.02	7.3957	1.1797	-7.0182	1.2573	0.0436	0.5312
17.96	8.0868	1.2051	-6.5506	1.3052	0.0374	0.5552
19.97	8.7789	1.2162	-6.1696	1.3294	0.0263	0.5740
21.98	9.5650	1.2328	-5.7392	1.3504	0.0154	0.5900
23.99	10.3590	1.2559	-5.2837	1.3826	0.0107	0.6078
25.99	11.1610	1.2802	-4.8265	1.4263	0.0094	0.6263
27.99	12.0860	1.3197	-4.6842	1.4536	0.0102	0.6426
29.98	12.8870	1.3430	-4.6473	1.4899	0.0059	0.6615

Table 4. Continued

(ff) Continued

TEST 1802 RUN 67 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.17	1.3350	0.5212	-3.7046	0.4220	0.0242	0.1766
-1.23	1.5955	0.5544	-3.9150	0.4709	0.0261	0.1948
-0.15	1.8863	0.5924	-4.1498	0.5253	0.0283	0.2155
0.82	2.1485	0.6273	-4.3490	0.5742	0.0300	0.2343
1.79	2.4006	0.6617	-4.5347	0.6150	0.0319	0.2517
2.80	2.6648	0.6956	-4.7151	0.6565	0.0342	0.2697
3.81	2.9338	0.7304	-4.8950	0.6986	0.0365	0.2874
5.82	3.4695	0.7964	-5.2023	0.7710	0.0398	0.3186
7.78	4.0010	0.8530	-5.4347	0.8400	0.0413	0.3469
9.81	4.5896	0.9043	-5.5373	0.9033	0.0399	0.3726
11.77	5.2045	0.9434	-5.4555	0.9535	0.0333	0.3961
13.83	5.8679	0.9788	-4.9993	1.0027	0.0324	0.4162
15.81	6.4747	0.9989	-4.4576	1.0297	0.0288	0.4329
17.80	7.1398	1.0168	-4.1746	1.0545	0.0105	0.4540
19.83	7.9378	1.0573	-4.0289	1.1122	0.0074	0.4804
21.87	8.7609	1.1042	-3.9805	1.1763	0.0045	0.5071
23.82	9.6038	1.1532	-4.0483	1.2364	0.0029	0.5345
25.87	10.5060	1.2077	-4.2133	1.3003	0.0009	0.5638
27.84	11.3920	1.2600	-4.4286	1.3634	-0.0008	0.5929
29.85	12.3280	1.3160	-4.7057	1.4267	-0.0040	0.6231

TEST 1629 RUN 132 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.02	0.7641	0.3794	-2.6054	0.1829	0.0142	0.0944
-0.98	1.0385	0.4078	-2.8204	0.2328	0.0175	0.1141
0.06	1.3097	0.4364	-3.0145	0.2801	0.0198	0.1335
0.96	1.5174	0.4596	-3.1634	0.3169	0.0222	0.1492
1.98	1.7743	0.4880	-3.3412	0.3600	0.0247	0.1680
3.02	2.0251	0.5153	-3.4888	0.4016	0.0273	0.1860
4.05	2.2672	0.5412	-3.6191	0.4441	0.0299	0.2036
6.04	2.7823	0.5947	-3.8783	0.5252	0.0344	0.2368
8.05	3.3122	0.6415	-4.0680	0.5997	0.0371	0.2671
10.01	3.8409	0.6776	-4.0697	0.6695	0.0368	0.2936
12.03	4.4719	0.7108	-3.9291	0.7209	0.0330	0.3188
14.01	5.0930	0.7376	-3.6836	0.7764	0.0326	0.3412
15.96	5.7229	0.7594	-3.4372	0.8092	0.0296	0.3605
17.96	6.4424	0.7933	-3.3711	0.8604	0.0274	0.3843
19.98	7.1986	0.8294	-3.3388	0.9171	0.0257	0.4100
21.99	7.9848	0.8629	-3.3643	0.9705	0.0244	0.4361
24.01	8.8188	0.9037	-3.5953	1.0291	0.0267	0.4617
26.03	9.7113	0.9552	-3.8990	1.0946	0.0251	0.4890
28.08	10.6470	1.0040	-4.1506	1.1669	0.0232	0.5201
30.04	11.5690	1.0513	-4.4544	1.2214	0.0212	0.5519

Table 4. Continued

(ff) Concluded

TEST 1629 RUN 135 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.07	0.5407	0.3316	-2.1614	0.1545	0.0105	0.0705
-0.96	0.7917	0.3578	-2.2889	0.2002	0.0125	0.0880
-0.02	0.9987	0.3807	-2.3879	0.2319	0.0151	0.1022
1.02	1.2286	0.4061	-2.4935	0.2783	0.0176	0.1191
1.96	1.4477	0.4283	-2.5867	0.3126	0.0199	0.1339
2.96	1.6724	0.4526	-2.6776	0.3514	0.0220	0.1496
3.97	1.9024	0.4767	-2.7588	0.3784	0.0242	0.1633
6.01	2.3703	0.5225	-2.8807	0.4559	0.0274	0.1929
8.01	2.8600	0.5619	-2.9253	0.5295	0.0286	0.2199
10.05	3.4117	0.5926	-2.8911	0.5807	0.0263	0.2445
11.99	3.9566	0.6223	-2.8055	0.6288	0.0266	0.2667
14.03	4.5711	0.6554	-2.7736	0.6814	0.0261	0.2916
16.05	5.2257	0.6939	-2.8136	0.7313	0.0247	0.3172
18.02	5.9229	0.7338	-2.9349	0.7868	0.0237	0.3438
20.04	6.6660	0.7789	-3.1682	0.8384	0.0220	0.3703
22.03	7.4543	0.8313	-3.4558	0.9029	0.0210	0.4017
24.03	8.2802	0.8849	-3.8047	0.9867	0.0213	0.4380
26.05	9.1530	0.9403	-4.1983	1.0715	0.0209	0.4742
27.98	10.0200	1.0057	-4.5859	1.1177	0.0187	0.5128
30.05	10.9800	1.0797	-5.0601	1.1984	0.0175	0.5497

TEST 1629 RUN 136 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	0.3023	0.2669	-1.4441	0.0083	0.0067	0.0511
-1.01	0.4838	0.2822	-1.4858	0.0469	0.0089	0.0629
-0.01	0.6805	0.3009	-1.5445	0.0801	0.0104	0.0748
1.05	0.8805	0.3243	-1.6082	0.1119	0.0128	0.0874
2.08	1.0885	0.3470	-1.6639	0.1533	0.0150	0.1026
3.00	1.2598	0.3670	-1.6969	0.1764	0.0167	0.1142
4.06	1.4650	0.3907	-1.7334	0.2140	0.0185	0.1279
6.05	1.9027	0.4332	-1.7825	0.2812	0.0218	0.1536
7.99	2.3479	0.4638	-1.7719	0.3213	0.0212	0.1762
9.98	2.8418	0.5040	-1.7669	0.3541	0.0214	0.1980
12.01	3.3727	0.5450	-1.7822	0.3980	0.0198	0.2228
14.03	3.9404	0.5912	-1.8734	0.4605	0.0192	0.2513
16.01	4.5566	0.6416	-2.0571	0.5259	0.0181	0.2832
17.99	5.2428	0.6994	-2.3033	0.6026	0.0181	0.3190
20.00	5.9846	0.7602	-2.6047	0.6866	0.0175	0.3583
22.00	6.8025	0.8319	-3.0184	0.7678	0.0170	0.3994
24.00	7.6737	0.8996	-3.4650	0.8366	0.0166	0.4399
26.02	8.5816	0.9822	-3.9197	0.9321	0.0162	0.4852
27.98	9.5112	1.0633	-4.3498	1.0287	0.0163	0.5298
29.97	10.4700	1.1393	-4.9189	1.1140	0.0147	0.5726

Table 4. Continued

(gg) Fin 11 at $\delta = -10^\circ$ TEST 1056 RUN 25 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.57	-2.7195	0.4923	3.9468	-0.5543	-0.1096	-0.2438
-0.99	-2.4990	0.4694	3.7285	-0.5125	-0.1030	-0.2271
0.01	-2.1184	0.4323	3.3583	-0.4443	-0.0910	-0.1978
1.37	-1.6111	0.3798	2.8702	-0.3439	-0.0732	-0.1563
2.03	-1.3663	0.3532	2.6475	-0.2939	-0.0640	-0.1357
3.01	-1.0229	0.3161	2.3378	-0.2305	-0.0515	-0.1077
4.05	-0.6657	0.2801	2.0311	-0.1637	-0.0383	-0.0790
6.05	-0.0169	0.2168	1.5124	-0.0495	-0.0141	-0.0291
8.05	0.5344	0.1628	1.2095	0.0330	0.0085	0.0059
10.07	1.0976	0.0969	0.9442	0.1291	0.0327	0.0419
12.23	1.7943	-0.0010	0.5926	0.2493	0.0613	0.0907
13.99	2.4285	-0.0881	0.2379	0.3529	0.0835	0.1361
16.06	3.2185	-0.1923	-0.2112	0.4838	0.1086	0.1912
18.20	4.1013	-0.3024	-0.7456	0.6187	0.1309	0.2466
19.00	4.4437	-0.3469	-0.9556	0.6719	0.1379	0.2672
20.01	4.8700	-0.3982	-1.2003	0.7351	0.1471	0.2923
22.03	5.7693	-0.4987	-1.7928	0.8481	0.1601	0.3391

TEST 1056 RUN 24 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.56	-2.9527	0.5512	4.4420	-0.5856	-0.1077	-0.2729
-0.98	-2.7191	0.5233	4.1712	-0.5448	-0.1034	-0.2537
0.01	-2.3188	0.4768	3.7112	-0.4793	-0.0961	-0.2243
1.03	-1.9043	0.4309	3.2598	-0.4131	-0.0857	-0.1923
2.03	-1.5075	0.3872	2.8498	-0.3320	-0.0733	-0.1592
3.00	-1.1248	0.3441	2.4729	-0.2511	-0.0592	-0.1283
4.20	-0.6686	0.3003	2.0469	-0.1639	-0.0419	-0.0906
6.02	-0.0349	0.2404	1.5246	-0.0561	-0.0175	-0.0426
8.00	0.5409	0.1810	1.2101	0.0286	0.0081	-0.0052
10.09	1.1792	0.1145	0.9048	0.1232	0.0372	0.0331
12.01	1.8638	0.0198	0.5330	0.2451	0.0653	0.0819
14.02	2.6812	-0.0883	0.0402	0.3818	0.0930	0.1418
16.02	3.5603	-0.1992	-0.5375	0.5281	0.1141	0.2022
18.11	4.5053	-0.3027	-1.1843	0.6679	0.1261	0.2578
20.19	5.4025	-0.3851	-1.7666	0.7772	0.1268	0.2971
23.10	6.3980	-0.4538	-2.5378	0.8862	0.1021	0.3185

Table 4. Continued

(gg) Continued

TEST 1056 RUN 23 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.40	-2.8431	0.7167	4.9408	-0.5423	-0.0502	-0.2666
0.02	-2.2738	0.6389	4.2461	-0.4451	-0.0437	-0.2223
1.00	-1.8779	0.5847	3.7676	-0.3776	-0.0390	-0.1904
2.01	-1.4815	0.5333	3.3049	-0.3123	-0.0334	-0.1592
3.01	-1.0988	0.4851	2.9134	-0.2464	-0.0270	-0.1287
4.01	-0.7224	0.4462	2.5427	-0.1818	-0.0196	-0.0991
6.01	0.0024	0.3896	1.8628	-0.0634	-0.0036	-0.0476
8.00	0.6691	0.3338	1.3580	0.0344	0.0115	-0.0049
10.00	1.3534	0.2662	0.9342	0.1334	0.0284	0.0372
12.09	2.1402	0.1845	0.4624	0.2669	0.0470	0.0896
13.99	2.9176	0.1127	0.0156	0.3870	0.0599	0.1400
16.01	3.7883	0.0270	-0.4416	0.5182	0.0702	0.1954
18.03	4.7090	-0.0708	-0.8566	0.6372	0.0761	0.2496
20.02	5.7029	-0.1451	-0.9276	0.7495	0.0800	0.2964
22.01	6.7255	-0.2213	-0.9464	0.8429	0.0827	0.3369

TEST 1802 RUN 65 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.60	-3.0039	0.7816	5.3309	-0.7472	-0.0455	-0.3219
-1.62	-2.6986	0.7420	5.0506	-0.6882	-0.0428	-0.2989
-0.64	-2.4412	0.7078	4.8150	-0.6395	-0.0405	-0.2791
0.37	-2.1071	0.6643	4.5080	-0.5849	-0.0374	-0.2549
1.39	-1.7921	0.6255	4.2050	-0.5199	-0.0341	-0.2298
2.42	-1.4773	0.5844	3.9003	-0.4585	-0.0314	-0.2041
3.34	-1.1746	0.5454	3.6005	-0.4043	-0.0292	-0.1812
5.39	-0.5329	0.4623	2.9951	-0.2977	-0.0229	-0.1328
7.37	0.1057	0.3851	2.4346	-0.1994	-0.0160	-0.0863
9.34	0.7622	0.3058	2.0170	-0.1045	-0.0070	-0.0434
11.35	1.4261	0.2339	1.7464	-0.0059	0.0035	-0.0052
13.34	2.1328	0.1616	1.5553	0.0768	0.0140	0.0302
15.34	2.9648	0.0904	1.5718	0.1607	0.0245	0.0661
17.37	3.8398	0.0160	1.7003	0.2315	0.0325	0.1029
19.43	4.7248	-0.0557	1.8011	0.3175	0.0370	0.1453
21.37	5.5685	-0.1059	1.8840	0.3829	0.0374	0.1749
23.37	6.5490	-0.1632	1.9462	0.4613	0.0396	0.2080
25.36	7.5456	-0.2300	1.7983	0.5451	0.0413	0.2435
27.37	8.5827	-0.2923	1.5398	0.6215	0.0396	0.2791
29.36	9.6323	-0.3486	1.2335	0.6867	0.0381	0.3090

Table 4. Continued

(gg) Continued

TEST 1802 RUN 68 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.78	-2.5681	0.6759	4.4650	-0.6161	-0.0348	-0.2625
-1.75	-2.2910	0.6390	4.2564	-0.5749	-0.0328	-0.2440
-0.79	-2.0448	0.6055	4.0648	-0.5323	-0.0310	-0.2262
0.25	-1.7654	0.5680	3.8446	-0.4821	-0.0282	-0.2052
1.18	-1.5170	0.5359	3.6436	-0.4396	-0.0259	-0.1878
2.19	-1.2375	0.4983	3.4059	-0.3858	-0.0232	-0.1667
3.19	-0.9524	0.4612	3.1658	-0.3353	-0.0211	-0.1454
5.20	-0.3759	0.3888	2.6824	-0.2576	-0.0157	-0.1062
7.22	0.2308	0.3235	2.2406	-0.1692	-0.0096	-0.0671
9.19	0.8463	0.2632	1.9628	-0.0886	-0.0032	-0.0307
11.22	1.5048	0.2099	1.8938	-0.0261	0.0031	-0.0009
13.25	2.2678	0.1550	1.9635	0.0362	0.0087	0.0303
15.20	2.9855	0.1009	2.1715	0.0974	0.0167	0.0595
17.19	3.7370	0.0535	2.3187	0.1694	0.0215	0.0890
19.27	4.6014	0.0020	2.2874	0.2381	0.0231	0.1219
21.18	5.3987	-0.0363	2.2304	0.3032	0.0224	0.1484
23.22	6.2683	-0.0788	2.1891	0.3536	0.0216	0.1721
25.19	7.1117	-0.1078	2.0695	0.4098	0.0220	0.1945
27.16	7.9864	-0.1411	1.9356	0.4610	0.0216	0.2174
29.22	8.8617	-0.1786	1.6886	0.5156	0.0216	0.2413

TEST 1629 RUN 133 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.05	-1.7338	0.4817	3.3780	-0.3499	-0.0235	-0.1481
-0.05	-1.4884	0.4568	3.2082	-0.3079	-0.0208	-0.1307
1.01	-1.2231	0.4327	3.0201	-0.2582	-0.0180	-0.1114
2.01	-0.9655	0.4059	2.8285	-0.2104	-0.0152	-0.0925
3.01	-0.6970	0.3809	2.6247	-0.1636	-0.0122	-0.0741
4.06	-0.4329	0.3540	2.4210	-0.1169	-0.0090	-0.0566
6.03	0.1033	0.3050	2.0295	-0.0418	-0.0033	-0.0249
8.00	0.6654	0.2596	1.6926	0.0280	0.0041	0.0050
9.96	1.2580	0.2181	1.5470	0.1037	0.0109	0.0344
12.03	1.9401	0.1817	1.5758	0.1829	0.0170	0.0633
13.99	2.6422	0.1406	1.6274	0.2193	0.0207	0.0892
16.05	3.3984	0.1003	1.6665	0.3115	0.0241	0.1237
18.01	4.1169	0.0738	1.6990	0.3632	0.0245	0.1453
19.99	4.8497	0.0461	1.7213	0.4099	0.0241	0.1654
22.04	5.6243	0.0175	1.7258	0.4581	0.0238	0.1858
23.98	6.3752	-0.0052	1.6026	0.5142	0.0241	0.2069
25.96	7.1892	-0.0279	1.4455	0.5540	0.0233	0.2266
27.97	8.0544	-0.0492	1.2701	0.6160	0.0234	0.2500
30.01	8.9612	-0.0766	1.0400	0.6867	0.0243	0.2749

Table 4. Continued

(gg) Concluded

TEST 1629 RUN 134 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.98	-1.5640	0.4430	2.6637	-0.3383	-0.0204	-0.1428
-1.04	-1.3509	0.4222	2.5827	-0.3019	-0.0184	-0.1280
0.05	-1.1103	0.3988	2.4765	-0.2588	-0.0160	-0.1112
1.05	-0.8879	0.3753	2.3661	-0.2227	-0.0139	-0.0962
2.03	-0.6625	0.3525	2.2488	-0.1820	-0.0114	-0.0799
3.00	-0.4409	0.3295	2.1256	-0.1444	-0.0091	-0.0649
4.01	-0.2017	0.3067	2.0011	-0.1102	-0.0066	-0.0500
5.00	0.0344	0.2872	1.8816	-0.0722	-0.0040	-0.0355
5.99	0.2760	0.2676	1.7768	-0.0486	-0.0013	-0.0227
8.03	0.8241	0.2308	1.6096	0.0187	0.0054	0.0052
10.02	1.3864	0.2029	1.6037	0.0601	0.0084	0.0257
11.97	1.9399	0.1778	1.6578	0.1210	0.0101	0.0467
14.00	2.5292	0.1588	1.7397	0.1615	0.0105	0.0644
16.00	3.1304	0.1392	1.8120	0.2008	0.0111	0.0813
18.00	3.7386	0.1200	1.8831	0.2498	0.0134	0.0995
20.01	4.3727	0.1035	1.8994	0.2928	0.0146	0.1174
22.04	5.0674	0.0860	1.8597	0.3413	0.0162	0.1371
24.06	5.7860	0.0712	1.7848	0.3956	0.0174	0.1588
26.04	6.5194	0.0541	1.6572	0.4478	0.0184	0.1802
28.09	7.3123	0.0346	1.5005	0.5101	0.0197	0.2045
30.04	8.1099	0.0186	1.3423	0.5645	0.0200	0.2284

TEST 1629 RUN 137 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.03	-1.2474	0.3602	1.8860	-0.1584	-0.0148	-0.1081
-0.99	-1.0464	0.3402	1.8528	-0.1323	-0.0130	-0.0957
-0.02	-0.8652	0.3210	1.8014	-0.1030	-0.0113	-0.0809
1.06	-0.6614	0.3018	1.7386	-0.0716	-0.0098	-0.0676
2.05	-0.4657	0.2864	1.6926	-0.0302	-0.0076	-0.0525
3.07	-0.2665	0.2702	1.6507	-0.0111	-0.0053	-0.0419
3.97	-0.0914	0.2552	1.6089	0.0047	-0.0037	-0.0327
5.95	0.3198	0.2278	1.5298	0.0483	0.0008	-0.0119
8.02	0.7795	0.2098	1.5616	0.0889	0.0032	0.0057
9.95	1.1989	0.2010	1.7048	0.1145	0.0054	0.0181
11.97	1.6426	0.1933	1.8819	0.1356	0.0068	0.0298
13.95	2.1044	0.1847	2.0460	0.1682	0.0082	0.0427
15.98	2.5877	0.1742	2.1729	0.2028	0.0092	0.0568
17.98	3.1275	0.1604	2.2696	0.2247	0.0107	0.0692
19.97	3.7078	0.1556	2.3324	0.2663	0.0121	0.0859
21.99	4.3413	0.1537	2.3668	0.3116	0.0137	0.1039
24.04	5.0269	0.1470	2.3887	0.3551	0.0154	0.1236
26.01	5.7173	0.1477	2.4074	0.4125	0.0175	0.1450
27.97	6.4457	0.1431	2.4474	0.4740	0.0200	0.1682
30.01	7.2288	0.1338	2.4326	0.5355	0.0217	0.1939

Table 4. Continued

(hh) Fin 12 at $\delta = 0^\circ$ TEST 1056 RUN 9 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.36	-0.6087	0.1711	0.5790	-0.0678	-0.0205	-0.0308
0.11	0.0328	0.1721	-0.0096	0.0048	0.0018	0.0028
1.62	0.6811	0.1732	-0.6088	0.0833	0.0242	0.0361
2.66	1.1639	0.1666	-1.0723	0.1433	0.0406	0.0615
3.99	1.8166	0.1510	-1.7233	0.2195	0.0631	0.0957
5.40	2.5988	0.1376	-2.5912	0.3142	0.0856	0.1391
8.25	4.2282	0.1285	-4.5124	0.5078	0.1188	0.2204
11.03	5.6757	0.1366	-6.2795	0.6572	0.1277	0.2775
13.52	6.5300	0.1620	-7.2789	0.7344	0.1083	0.2942
15.56	6.7475	0.1796	-7.1151	0.7141	0.0828	0.2815
17.67	6.8398	0.1745	-6.4414	0.6762	0.0713	0.2709
20.05	7.5824	0.1652	-6.7870	0.7228	0.0725	0.2927
22.79	8.8056	0.1102	-8.0834	0.8208	0.0779	0.3328
24.29	9.4344	0.0785	-8.6901	0.8570	0.0803	0.3471

TEST 1056 RUN 8 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.33	-0.6162	0.1901	0.5471	-0.0668	-0.0241	-0.0313
-0.01	-0.0046	0.1865	0.0040	0.0000	0.0000	0.0000
1.62	0.7412	0.1904	-0.6499	0.0922	0.0312	0.0382
2.71	1.3060	0.1787	-1.2162	0.1588	0.0513	0.0672
4.17	2.1612	0.1579	-2.1348	0.2700	0.0808	0.1155
5.64	3.0806	0.1443	-3.1709	0.3758	0.1102	0.1644
8.57	4.8922	0.1729	-5.6566	0.5993	0.1222	0.2530
11.23	6.1301	0.2009	-7.2395	0.7093	0.1111	0.2912
13.64	6.8378	0.1956	-7.9000	0.7714	0.0897	0.3089
15.83	7.2330	0.1957	-7.8853	0.7720	0.0725	0.3089
18.36	8.1990	0.1681	-8.7450	0.8484	0.0714	0.3434
20.90	9.1837	0.1227	-9.7933	0.9185	0.0743	0.3736
23.53	10.1070	0.0914	-9.7649	0.9510	0.0751	0.3877
24.34	10.3850	0.0747	-9.6987	0.9501	0.0749	0.3871

Table 4. Continued

(hh) Continued

TEST 1056 RUN 7 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.23	-0.6508	0.3676	0.8749	-0.0786	-0.0130	-0.0359
0.06	0.0748	0.3551	-0.0835	0.0000	0.0000	0.0000
1.47	0.8703	0.3623	-1.1181	0.0972	0.0130	0.0426
2.95	1.7105	0.3541	-2.1691	0.1887	0.0281	0.0870
4.41	2.5999	0.3607	-3.3635	0.2882	0.0409	0.1360
5.83	3.4754	0.3679	-4.5083	0.3951	0.0523	0.1849
8.73	5.1915	0.3923	-6.7078	0.5994	0.0652	0.2768
11.59	6.8360	0.3808	-8.6579	0.7830	0.0728	0.3564
14.46	8.4311	0.3559	-10.3450	0.9373	0.0759	0.4233
17.25	9.9299	0.3318	-11.7850	1.0848	0.0739	0.4796
20.05	11.4400	0.2903	-12.6800	1.1932	0.0706	0.5239
22.97	13.1760	0.2563	-12.0480	1.2725	0.0655	0.5651
25.20	14.3850	0.2382	-11.6480	1.3331	0.0628	0.5918

TEST 1802 RUN 73 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.08	-0.8571	0.3193	0.9586	-0.0943	-0.0188	-0.0463
-1.04	-0.4063	0.3173	0.4223	-0.0404	-0.0110	-0.0227
-0.06	0.0104	0.3161	-0.0591	0.0079	-0.0031	-0.0013
0.94	0.4538	0.3167	-0.5772	0.0549	0.0042	0.0219
1.94	0.8651	0.3169	-1.0790	0.1040	0.0106	0.0440
2.95	1.3068	0.3200	-1.6356	0.1678	0.0173	0.0684
3.95	1.7590	0.3215	-2.2061	0.2258	0.0230	0.0931
5.95	2.7040	0.3269	-3.3868	0.3314	0.0320	0.1441
7.93	3.6550	0.3298	-4.5287	0.4423	0.0395	0.1943
9.94	4.5996	0.3254	-5.5280	0.5358	0.0448	0.2407
11.95	5.5490	0.3173	-6.3906	0.6304	0.0491	0.2857
13.94	6.5255	0.3104	-7.0398	0.7265	0.0513	0.3275
15.93	7.6044	0.3027	-7.4077	0.8094	0.0535	0.3647
17.96	8.6212	0.2887	-7.5182	0.8833	0.0546	0.3988
19.94	9.5730	0.2748	-7.4859	0.9483	0.0541	0.4255
21.93	10.5660	0.2662	-7.6073	1.0160	0.0503	0.4510
23.91	11.6720	0.2561	-7.8454	1.0791	0.0463	0.4790
26.00	12.7940	0.2479	-8.1134	1.1362	0.0441	0.5067
27.93	13.8330	0.2406	-8.3677	1.1877	0.0444	0.5226
29.96	14.9240	0.2356	-8.6465	1.2334	0.0431	0.5384

Table 4. Continued

(hh) Continued

TEST 1802 RUN 75 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.22	-0.7304	0.2827	0.7472	-0.0610	-0.0104	-0.0393
-1.18	-0.3408	0.2810	0.3093	-0.0161	-0.0054	-0.0192
-0.21	0.0210	0.2799	-0.0924	0.0224	-0.0014	-0.0016
0.82	0.3805	0.2803	-0.4886	0.0597	0.0028	0.0164
1.82	0.7373	0.2816	-0.8851	0.1032	0.0071	0.0346
2.83	1.1034	0.2828	-1.3025	0.1519	0.0114	0.0543
3.83	1.5003	0.2841	-1.7406	0.1933	0.0153	0.0735
5.82	2.2659	0.2879	-2.5681	0.2855	0.0227	0.1135
7.78	3.0722	0.2933	-3.3781	0.3684	0.0283	0.1531
9.78	3.9272	0.2963	-4.0821	0.4521	0.0324	0.1923
11.82	4.8522	0.2978	-4.5575	0.5219	0.0344	0.2280
13.81	5.7456	0.2951	-4.7619	0.5861	0.0368	0.2588
15.85	6.6418	0.2865	-4.8943	0.6555	0.0371	0.2896
17.86	7.6009	0.2776	-5.1392	0.7122	0.0364	0.3185
19.81	8.5243	0.2758	-5.4007	0.7761	0.0375	0.3455
21.83	9.5404	0.2760	-5.7131	0.8354	0.0374	0.3727
23.81	10.5260	0.2810	-6.0529	0.8949	0.0373	0.3993
25.75	11.5340	0.2876	-6.4838	0.9483	0.0367	0.4250
27.82	12.6620	0.2907	-7.0665	1.0223	0.0369	0.4553
29.83	13.7270	0.2979	-7.6379	1.0904	0.0372	0.4827

TEST 1629 RUN 144 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.00	-0.6950	0.2688	0.8246	-0.0828	-0.0069	-0.0345
-1.04	-0.4092	0.2680	0.5050	-0.0417	-0.0038	-0.0187
-0.04	-0.0789	0.2680	0.1807	-0.0045	-0.0003	-0.0029
0.97	0.2093	0.2715	-0.1333	0.0335	0.0033	0.0125
2.03	0.5816	0.2729	-0.4588	0.0769	0.0069	0.0295
3.00	0.8836	0.2743	-0.7595	0.1190	0.0104	0.0453
3.98	1.2333	0.2779	-1.1196	0.1673	0.0144	0.0633
6.04	1.9588	0.2826	-1.7942	0.2695	0.0209	0.0997
8.01	2.6913	0.2898	-2.4716	0.3587	0.0271	0.1348
10.00	3.5003	0.2985	-3.0397	0.4422	0.0310	0.1695
11.96	4.3262	0.3024	-3.3728	0.5207	0.0337	0.2024
14.04	5.2226	0.3039	-3.6502	0.6049	0.0372	0.2356
16.05	6.1165	0.3036	-3.8531	0.6727	0.0381	0.2628
18.03	7.0015	0.3091	-4.1187	0.7372	0.0393	0.2889
20.02	7.8770	0.3124	-4.3860	0.8046	0.0411	0.3143
21.94	8.7596	0.3109	-4.6863	0.8713	0.0429	0.3394
23.99	9.6951	0.3169	-5.2326	0.9461	0.0444	0.3676
26.03	10.7110	0.3262	-5.8352	1.0205	0.0452	0.3976
27.96	11.7480	0.3334	-6.3694	1.0975	0.0467	0.4270
29.97	12.8510	0.3412	-6.9712	1.1796	0.0479	0.4588

Table 4. Continued

(hh) Concluded

TEST 1629 RUN 147 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.97	-0.6173	0.2441	0.4124	-0.0562	-0.0047	-0.0261
-1.03	-0.3643	0.2426	0.2428	-0.0293	-0.0027	-0.0153
-0.01	-0.0761	0.2416	0.0675	0.0015	-0.0003	-0.0031
1.02	0.1972	0.2428	-0.1120	0.0335	0.0021	0.0098
1.98	0.4656	0.2445	-0.2879	0.0632	0.0048	0.0209
3.00	0.7401	0.2471	-0.4899	0.1038	0.0079	0.0350
4.03	1.0307	0.2491	-0.6818	0.1436	0.0111	0.0487
6.07	1.6475	0.2546	-1.0872	0.2265	0.0168	0.0771
8.04	2.2858	0.2603	-1.4629	0.2930	0.0205	0.1029
9.98	2.9801	0.2665	-1.7643	0.3637	0.0222	0.1296
12.06	3.7285	0.2740	-2.0195	0.4237	0.0242	0.1565
13.96	4.4371	0.2811	-2.2524	0.4779	0.0260	0.1806
16.00	5.2354	0.2911	-2.5570	0.5420	0.0283	0.2076
18.01	6.0536	0.3005	-2.8759	0.6083	0.0308	0.2354
20.03	6.9055	0.3131	-3.3118	0.6698	0.0325	0.2636
22.06	7.8152	0.3275	-3.7869	0.7332	0.0346	0.2928
24.05	8.7639	0.3407	-4.3601	0.8158	0.0364	0.3257
26.03	9.7408	0.3512	-4.9757	0.9000	0.0375	0.3592
28.05	10.7800	0.3732	-5.6726	0.9900	0.0392	0.3956
30.06	11.8900	0.3892	-6.4240	1.0832	0.0409	0.4317

TEST 1629 RUN 148 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.00	-0.5153	0.2059	0.3237	-0.0289	-0.0039	-0.0190
-1.05	-0.3137	0.2031	0.2646	-0.0118	-0.0026	-0.0110
0.01	-0.0840	0.2022	0.1756	0.0014	-0.0006	-0.0027
1.03	0.1270	0.2045	0.0997	0.0277	0.0013	0.0069
1.97	0.3274	0.2073	0.0278	0.0479	0.0033	0.0153
3.05	0.5645	0.2102	-0.0525	0.0653	0.0053	0.0243
4.02	0.7912	0.2141	-0.1240	0.0861	0.0068	0.0334
6.01	1.2715	0.2196	-0.2754	0.1427	0.0113	0.0530
8.03	1.8154	0.2233	-0.4393	0.1873	0.0134	0.0729
10.03	2.3857	0.2380	-0.5511	0.2449	0.0160	0.0947
12.00	2.9764	0.2516	-0.6771	0.3031	0.0183	0.1170
13.98	3.5957	0.2655	-0.8564	0.3587	0.0193	0.1401
16.05	4.3014	0.2811	-1.1325	0.4120	0.0210	0.1658
17.99	5.0373	0.3008	-1.4814	0.4563	0.0222	0.1917
20.03	5.8713	0.3209	-1.9192	0.5152	0.0239	0.2230
21.98	6.7541	0.3438	-2.4430	0.5877	0.0262	0.2574
24.07	7.7682	0.3724	-3.0627	0.6761	0.0294	0.2975
26.04	8.7702	0.4005	-3.7089	0.7563	0.0323	0.3363
28.07	9.8795	0.4318	-4.4237	0.8571	0.0354	0.3798
30.05	10.9750	0.4541	-5.1926	0.9533	0.0391	0.4203

Table 4. Continued

(ii) Fin 12 at $\delta = 10^\circ$ TEST 1056 RUN 16 $M = 0.60$ $R/ft = 2.7 \times 10^6$

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-0.80	3.1423	0.5851	-5.1789	0.4146	0.1002	0.1976
0.00	3.5737	0.6441	-5.7117	0.4763	0.1086	0.2198
1.00	4.1018	0.7063	-6.3657	0.5390	0.1165	0.2446
2.01	4.5938	0.7675	-6.9503	0.6042	0.1242	0.2670
3.00	5.0220	0.8248	-7.4925	0.6510	0.1250	0.2836
4.11	5.4860	0.8862	-8.0834	0.7084	0.1223	0.3009
6.04	6.0790	0.9680	-8.7900	0.7688	0.1108	0.3180
10.43	6.0207	0.9381	-7.7043	0.6997	0.0774	0.2823
12.11	6.2716	0.9437	-7.6599	0.7063	0.0748	0.2858
14.20	6.8078	0.9651	-7.9343	0.7387	0.0755	0.3009
16.01	7.3242	0.9860	-8.2400	0.7694	0.0765	0.3158
18.09	7.9563	1.0069	-8.6216	0.8033	0.0784	0.3307
20.00	8.5956	1.0283	-9.0682	0.7954	0.0801	0.3307
22.10	9.7637	1.0925	-10.5650	0.8195	0.0811	0.3393

TEST 1056 RUN 15 $M = 0.90$ $R/ft = 2.0 \times 10^6$

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-0.78	3.6452	0.6829	-6.1732	0.4986	0.1033	0.2269
0.01	4.0213	0.7426	-6.6658	0.5517	0.1051	0.2419
0.01	4.0227	0.7414	-6.6690	0.5500	0.1050	0.2417
2.04	4.9064	0.8640	-7.8346	0.6518	0.1051	0.2749
3.12	5.2856	0.9229	-8.3337	0.6904	0.1004	0.2871
4.07	5.6198	0.9634	-8.7457	0.7358	0.0990	0.3025
6.76	6.0044	0.9929	-8.9559	0.7686	0.0756	0.3062
8.05	6.2558	1.0143	-9.0687	0.7904	0.0726	0.3136
10.01	6.7373	1.0548	-9.3373	0.8241	0.0741	0.3276
12.00	7.3240	1.1007	-9.7854	0.8686	0.0748	0.3468
14.04	7.9203	1.1405	-10.1820	0.9001	0.0745	0.3617
16.05	8.5276	1.1761	-10.5070	0.9426	0.0737	0.3802
18.04	9.1424	1.2072	-10.7610	0.9768	0.0720	0.3947
20.03	10.2250	1.2590	-12.2840	0.9285	0.0752	0.3753
22.13	11.0210	1.2771	-12.6640	1.0694	0.0687	0.4324

Table 4. Continued

(ii) Continued

TEST 1056 RUN 14 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-0.80	3.4820	0.8522	-6.7269	0.4595	0.0484	0.2171
0.02	3.9611	0.9128	-7.4224	0.5265	0.0523	0.2454
1.01	4.5455	0.9812	-8.2532	0.6108	0.0394	0.2798
2.02	5.1066	1.0461	-9.0404	0.6664	0.0613	0.3103
3.04	5.6455	1.1111	-9.7508	0.7326	0.0651	0.3402
4.00	6.1498	1.1777	-10.4120	0.7982	0.0678	0.3683
6.05	7.2039	1.3128	-11.8020	0.9261	0.0713	0.4233
8.07	8.1893	1.4390	-13.0550	1.0455	0.0644	0.4695
10.08	9.1709	1.5319	-14.2430	1.1495	0.0721	0.5108
12.67	10.1020	1.5900	-14.9070	1.2210	0.0749	0.5267
14.00	10.3830	1.5933	-14.6710	1.2373	0.0767	0.5285
16.00	11.0760	1.6338	-14.9090	1.3000	0.0761	0.5461
18.00	11.8120	1.6730	-15.1180	1.3449	0.0683	0.5563
20.10	12.7830	1.7198	-15.1000	1.4055	0.0666	0.5761
22.01	13.6570	1.7579	-14.9540	1.4736	0.0644	0.5966

TEST 1802 RUN 70 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.02	2.8267	0.8589	-6.5493	0.5235	0.0327	0.2480
-1.05	3.2557	0.9242	-7.1005	0.5777	0.0355	0.2714
0.01	3.7099	0.9926	-7.6741	0.6316	0.0383	0.2956
0.95	4.1212	1.0545	-8.1791	0.6855	0.0412	0.3180
1.95	4.5087	1.1109	-8.6628	0.7352	0.0436	0.3387
2.96	4.9193	1.1709	-9.1707	0.7894	0.0462	0.3607
4.05	5.3983	1.2402	-9.7456	0.8485	0.0494	0.3849
5.98	6.1853	1.3506	-10.6410	0.9352	0.0548	0.4211
7.93	6.9785	1.4596	-11.4710	1.0359	0.0572	0.4575
9.96	7.7904	1.5587	-12.1790	1.1159	0.0571	0.4898
11.99	8.6007	1.6462	-12.6840	1.2001	0.0555	0.5201
13.97	9.3741	1.7129	-12.8790	1.2623	0.0522	0.5395
15.94	10.1880	1.7575	-12.6990	1.3031	0.0444	0.5533
17.97	10.9600	1.7945	-12.2870	1.3505	0.0396	0.5740
20.03	11.7020	1.8160	-11.7830	1.3781	0.0344	0.5937
21.98	12.5210	1.8403	-11.4910	1.3954	0.0299	0.6056
23.99	13.4150	1.8761	-11.2120	1.4158	0.0277	0.6178
25.93	14.2690	1.9187	-11.0960	1.4493	0.0236	0.6351
27.95	15.1110	1.9623	-10.8110	1.4910	0.0196	0.6572
30.03	15.4270	1.9156	-9.1783	1.4632	0.0168	0.6490

Table 4. Continued

(ii) Continued

TEST 1802 RUN 71 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.18	2.1674	0.7186	-5.3990	0.4004	0.0267	0.1982
-1.23	2.5458	0.7764	-5.8451	0.4441	0.0289	0.2181
-0.17	2.9336	0.8355	-6.2803	0.4998	0.0319	0.2393
0.86	3.3160	0.8941	-6.6975	0.5477	0.0349	0.2595
1.80	3.6552	0.9444	-7.0702	0.5915	0.0374	0.2776
2.84	4.0317	1.0008	-7.4729	0.6400	0.0402	0.2965
3.81	4.3824	1.0531	-7.8251	0.6835	0.0423	0.3148
5.82	5.0950	1.1531	-8.4963	0.7641	0.0461	0.3485
7.77	5.7879	1.2435	-9.0367	0.8381	0.0480	0.3796
9.82	6.5355	1.3282	-9.4456	0.9038	0.0481	0.4096
11.87	7.3284	1.3996	-9.6302	0.9726	0.0432	0.4377
13.87	8.1145	1.4629	-9.5306	1.0302	0.0424	0.4597
15.81	8.8569	1.5049	-9.3434	1.0686	0.0364	0.4790
17.85	9.6133	1.5388	-9.0851	1.1014	0.0266	0.4973
19.81	10.4910	1.5962	-9.2214	1.1531	0.0231	0.5192
21.77	11.3960	1.6569	-9.4906	1.2100	0.0182	0.5420
23.88	12.4230	1.7346	-9.8297	1.2753	0.0163	0.5687
25.87	13.4480	1.8136	-10.1780	1.3381	0.0149	0.5955
27.86	14.4730	1.8891	-10.5940	1.4051	0.0124	0.6230
29.80	15.5120	1.9629	-11.1310	1.4706	0.0082	0.6545

TEST 1629 RUN 138 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.06	1.2148	0.4813	-3.5386	0.2195	0.0154	0.1075
-0.96	1.5840	0.5264	-3.9356	0.2704	0.0185	0.1270
-0.01	1.9157	0.5663	-4.2800	0.3198	0.0214	0.1449
1.01	2.2517	0.6089	-4.6407	0.3711	0.0243	0.1634
2.04	2.6044	0.6544	-5.0077	0.4233	0.0275	0.1830
3.05	2.9576	0.7001	-5.3540	0.4713	0.0307	0.2017
3.96	3.2822	0.7402	-5.6597	0.5224	0.0342	0.2195
6.03	4.0066	0.8281	-6.3261	0.6213	0.0413	0.2564
8.06	4.7362	0.9100	-6.8862	0.7168	0.0453	0.2906
10.07	5.4651	0.9767	-7.2346	0.8025	0.0474	0.3213
12.05	6.2409	1.0359	-7.4001	0.8719	0.0463	0.3487
13.96	6.9694	1.0808	-7.4353	0.9390	0.0462	0.3743
16.01	7.7805	1.1283	-7.4583	1.0019	0.0437	0.4000
17.99	8.6380	1.1784	-7.6552	1.0639	0.0428	0.4254
20.00	9.5457	1.2314	-7.9661	1.1372	0.0422	0.4527
21.97	10.4420	1.2870	-8.2713	1.2028	0.0409	0.4764
24.03	11.4300	1.3575	-8.7947	1.2777	0.0411	0.5043
26.05	12.4490	1.4253	-9.2661	1.3587	0.0406	0.5340
28.01	13.5060	1.4959	-9.8062	1.4441	0.0400	0.5648
30.02	14.6310	1.5708	-10.4710	1.5400	0.0383	0.5991

Table 4. Continued

(ii) Concluded

TEST 1629 RUN 141 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.04	0.8770	0.3974	-2.7804	0.1669	0.0103	0.0742
-1.06	1.1480	0.4302	-3.0035	0.2054	0.0123	0.0877
0.09	1.4962	0.4707	-3.2702	0.2550	0.0155	0.1056
0.96	1.7458	0.5024	-3.4677	0.2885	0.0181	0.1185
1.93	2.0333	0.5369	-3.7087	0.3344	0.0206	0.1343
3.00	2.3643	0.5758	-3.9635	0.3781	0.0234	0.1508
4.01	2.6592	0.6122	-4.1878	0.4154	0.0257	0.1661
5.99	3.2968	0.6902	-4.6437	0.4984	0.0300	0.1977
7.96	3.9595	0.7626	-5.0577	0.5800	0.0336	0.2283
10.01	4.6806	0.8319	-5.3719	0.6653	0.0350	0.2607
12.02	5.4009	0.8867	-5.5749	0.7257	0.0351	0.2879
13.99	6.1441	0.9427	-5.8156	0.7881	0.0349	0.3152
16.01	6.9454	1.0043	-6.1379	0.8562	0.0351	0.3442
17.97	7.7773	1.0682	-6.5426	0.9220	0.0350	0.3737
19.98	8.6875	1.1409	-7.0868	1.0142	0.0351	0.4064
21.97	9.6363	1.2163	-7.6798	1.1033	0.0349	0.4420
24.07	10.7100	1.3112	-8.4515	1.1991	0.0351	0.4812
26.03	11.7460	1.3982	-9.2254	1.3028	0.0354	0.5192
28.03	12.8610	1.4942	-10.0690	1.4038	0.0352	0.5587
29.99	13.9840	1.5893	-10.9070	1.5063	0.0353	0.5979

TEST 1629 RUN 142 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.00	0.5354	0.3148	-1.8537	0.0863	0.0075	0.0492
-0.99	0.7642	0.3367	-1.9762	0.1127	0.0097	0.0599
0.01	1.0115	0.3654	-2.1322	0.1486	0.0113	0.0718
1.05	1.2577	0.3954	-2.2875	0.1748	0.0131	0.0834
2.02	1.5001	0.4253	-2.4359	0.2035	0.0151	0.0957
3.05	1.7456	0.4567	-2.5707	0.2373	0.0170	0.1083
3.97	1.9908	0.4866	-2.6926	0.2663	0.0184	0.1204
6.02	2.5427	0.5476	-2.9718	0.3301	0.0223	0.1456
8.02	3.1437	0.6053	-3.2358	0.4087	0.0236	0.1750
10.06	3.7983	0.6753	-3.5163	0.4629	0.0243	0.2039
11.99	4.4488	0.7417	-3.8010	0.5322	0.0253	0.2338
14.01	5.1972	0.8206	-4.2138	0.6157	0.0267	0.2691
15.96	5.9617	0.8988	-4.7087	0.7117	0.0281	0.3058
18.00	6.8550	0.9929	-5.3375	0.7931	0.0285	0.3438
20.03	7.8360	1.0944	-6.0618	0.8894	0.0293	0.3863
22.04	8.8820	1.2037	-6.9093	0.9996	0.0302	0.4327
24.00	9.9765	1.3208	-7.8067	1.1099	0.0312	0.4802
25.97	11.0950	1.4444	-8.7078	1.2187	0.0325	0.5292
27.99	12.3270	1.5729	-9.7402	1.3458	0.0346	0.5806
29.96	13.5620	1.6899	-10.8850	1.4527	0.0374	0.6247

Table 4. Continued

(jj) Fin 12 at $\delta = -10^\circ$ TEST 1056 RUN 13 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.75	-4.5837	0.7823	6.8885	-0.6144	-0.1297	-0.2465
-0.99	-4.2066	0.7344	6.4260	-0.5684	-0.1239	-0.2307
0.77	-3.2899	0.6156	5.3076	-0.4564	-0.1082	-0.1870
1.28	-3.0181	0.5842	4.9841	-0.4240	-0.1024	-0.1732
2.04	-2.6012	0.5322	4.4844	-0.3780	-0.0926	-0.1510
3.01	-2.0564	0.4761	3.8421	-0.2979	-0.0772	-0.1203
4.02	-1.4885	0.4102	3.2071	-0.2348	-0.0617	-0.0892
6.01	-0.4551	0.2986	2.0786	-0.1000	-0.0297	-0.0303
8.01	0.4483	0.1979	1.2235	0.0112	-0.0010	0.0157
10.02	1.3366	0.0813	0.4879	0.1168	0.0283	0.0581
12.12	2.3149	-0.0705	-0.2794	0.2340	0.0617	0.1060
14.01	3.3205	-0.2200	-1.1390	0.3502	0.0907	0.1578
16.02	4.4687	-0.3818	-2.2320	0.4777	0.1136	0.2147
18.07	5.6465	-0.5313	-3.4632	0.6039	0.1284	0.2680
20.09	6.7878	-0.6613	-4.8475	0.7226	0.1264	0.3164
21.45	7.2164	-0.6678	-5.2784	0.7448	0.1122	0.3255

TEST 1056 RUN 12 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.76	-4.8959	0.8668	7.7625	-0.6357	-0.1100	-0.2629
-0.96	-4.5585	0.8241	7.3125	-0.6033	-0.1112	-0.2501
0.07	-4.1021	0.7581	6.7249	-0.5472	-0.1096	-0.2329
1.01	-3.6457	0.6925	6.1330	-0.4930	-0.1057	-0.2133
2.01	-3.0417	0.6049	5.2705	-0.4188	-0.1020	-0.1877
3.04	-2.3303	0.5175	4.3222	-0.3148	-0.0887	-0.1465
4.01	-1.7096	0.4483	3.5651	-0.2314	-0.0719	-0.1092
6.03	-0.4706	0.3235	2.1357	-0.0861	-0.0349	-0.0377
8.02	0.4908	0.2098	1.2512	0.0173	-0.0011	0.0125
10.05	1.4920	0.0865	0.4169	0.1399	0.0356	0.0588
12.01	2.5631	-0.0820	-0.5006	0.2744	0.0724	0.1138
14.01	3.8350	-0.2734	-1.6895	0.4180	0.1129	0.1823
16.04	5.2123	-0.4567	-3.2451	0.5818	0.1338	0.2580
18.40	6.3440	-0.5418	-4.6745	0.6974	0.1133	0.2921
20.00	7.0561	-0.6204	-5.4682	0.7750	0.1063	0.3144
22.02	7.7569	-0.6677	-5.9510	0.8204	0.0804	0.3253

Table 4. Continued

(jj) Continued

TEST 1056 RUN 11 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.67	-4.9546	1.0486	8.7748	-0.6537	-0.0670	-0.3000
-0.99	-4.5601	0.9961	8.2254	-0.5978	-0.0629	-0.2783
0.30	-3.8217	0.9058	7.1639	-0.5192	-0.0567	-0.2355
1.07	-3.3710	0.8508	6.5106	-0.4775	-0.0528	-0.2089
2.01	-2.8101	0.7763	5.7178	-0.4030	-0.0469	-0.1747
3.03	-2.2072	0.7026	4.9293	-0.3196	-0.0391	-0.1392
4.01	-1.6233	0.6333	4.1062	-0.2373	-0.0314	-0.1064
6.02	-0.4495	0.5083	2.5631	-0.0947	-0.0156	-0.0425
8.02	0.6491	0.3874	1.2605	0.0166	0.0006	0.0138
10.01	1.7380	0.2558	0.0602	0.1324	0.0181	0.0701
12.02	2.8978	0.1136	-1.1533	0.2788	0.0373	0.1280
14.03	4.1330	-0.0495	-2.5988	0.4308	0.0541	0.1960
16.09	5.3759	-0.1757	-3.8153	0.5721	0.0629	0.2602
18.09	6.5688	-0.3273	-4.9335	0.6932	0.0709	0.3182
20.02	7.7837	-0.4376	-5.4114	0.7804	0.0743	0.3618
22.08	9.1889	-0.5563	-5.3100	0.8727	0.0762	0.4051

TEST 1802 RUN 69 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.62	-4.7472	1.1461	8.8514	-0.7674	-0.0436	-0.3512
-1.66	-4.3425	1.0866	8.3458	-0.7159	-0.0413	-0.3306
-0.59	-3.9051	1.0232	7.8091	-0.6541	-0.0384	-0.3061
0.42	-3.4648	0.9573	7.2558	-0.6036	-0.0359	-0.2831
1.44	-3.0032	0.8865	6.6714	-0.5445	-0.0326	-0.2580
2.42	-2.5988	0.8255	6.1526	-0.4872	-0.0295	-0.2348
3.38	-2.1460	0.7566	5.5744	-0.4326	-0.0264	-0.2102
5.41	-1.2153	0.6190	4.3777	-0.3288	-0.0199	-0.1604
7.38	-0.3004	0.4848	3.2472	-0.2112	-0.0125	-0.1094
9.43	0.6599	0.3546	2.2184	-0.1173	-0.0046	-0.0594
11.35	1.5520	0.2391	1.4070	-0.0262	0.0049	-0.0172
13.39	2.5190	0.1188	0.6962	0.0536	0.0168	0.0232
15.36	3.6050	0.0004	0.1735	0.1533	0.0265	0.0684
17.42	4.7564	-0.1251	-0.1920	0.2531	0.0339	0.1145
19.37	5.8283	-0.2406	-0.5656	0.3361	0.0375	0.1586
21.37	6.9010	-0.3332	-0.8922	0.4201	0.0386	0.1975
23.37	8.0824	-0.4336	-1.3539	0.5154	0.0417	0.2365
25.39	9.3219	-0.5407	-1.9465	0.6042	0.0449	0.2768
27.36	10.5620	-0.6443	-2.5493	0.6780	0.0441	0.3155
29.39	11.7530	-0.7350	-3.1927	0.7451	0.0434	0.3478

Table 4. Continued

(jj) Continued

TEST 1802 RUN 72 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.78	-3.8789	0.9683	7.1131	-0.6045	-0.0366	-0.2860
-1.79	-3.5196	0.9141	6.7127	-0.5558	-0.0341	-0.2665
-0.80	-3.1487	0.8586	6.3033	-0.5114	-0.0313	-0.2476
0.24	-2.7768	0.8004	5.8813	-0.4628	-0.0284	-0.2271
1.19	-2.4094	0.7449	5.4604	-0.4160	-0.0261	-0.2077
2.21	-2.0370	0.6874	5.0135	-0.3706	-0.0236	-0.1871
3.22	-1.6462	0.6283	4.5623	-0.3252	-0.0208	-0.1660
5.23	-0.8532	0.5145	3.6509	-0.2467	-0.0145	-0.1255
7.26	-0.0372	0.4059	2.7915	-0.1661	-0.0089	-0.0841
9.27	0.7819	0.3084	2.1127	-0.0925	-0.0027	-0.0450
11.23	1.6160	0.2167	1.6540	-0.0251	0.0022	-0.0107
13.26	2.5302	0.1287	1.4038	0.0408	0.0078	0.0230
15.29	3.4895	0.0321	1.2025	0.1057	0.0157	0.0588
17.22	4.4309	-0.0522	0.9417	0.1647	0.0229	0.0933
19.24	5.4180	-0.1282	0.5997	0.2439	0.0250	0.1277
21.27	6.4005	-0.1950	0.2804	0.3092	0.0252	0.1550
23.25	7.3451	-0.2570	-0.0833	0.3655	0.0250	0.1800
25.31	8.3876	-0.3171	-0.4463	0.4223	0.0254	0.2059
27.25	9.3659	-0.3751	-0.8165	0.4842	0.0268	0.2318
29.30	10.4160	-0.4444	-1.3333	0.5443	0.0278	0.2605

TEST 1629 RUN 139 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.03	-2.8815	0.6753	5.3263	-0.4132	-0.0271	-0.1760
-0.99	-2.5296	0.6312	4.9676	-0.3652	-0.0240	-0.1573
-0.02	-2.2035	0.5921	4.6202	-0.3180	-0.0209	-0.1395
1.06	-1.8109	0.5458	4.2102	-0.2602	-0.0172	-0.1178
2.04	-1.4869	0.5082	3.8704	-0.2148	-0.0143	-0.1010
3.04	-1.1431	0.4676	3.5054	-0.1729	-0.0115	-0.0833
4.06	-0.7799	0.4244	3.1206	-0.1208	-0.0082	-0.0645
6.05	-0.0850	0.3516	2.4179	-0.0348	-0.0022	-0.0313
8.07	0.6502	0.2848	1.7800	0.0473	0.0048	0.0015
10.05	1.3890	0.2211	1.3780	0.1233	0.0107	0.0328
12.03	2.2206	0.1527	1.0877	0.2036	0.0159	0.0651
13.98	3.0868	0.0889	0.8176	0.2695	0.0195	0.0968
16.02	3.9798	0.0340	0.5498	0.3458	0.0217	0.1281
17.99	4.8542	-0.0151	0.2952	0.4090	0.0225	0.1543
20.04	5.7265	-0.0599	0.0557	0.4660	0.0235	0.1783
21.95	6.5940	-0.1067	-0.1983	0.5189	0.0242	0.2020
24.04	7.5429	-0.1484	-0.6161	0.5660	0.0254	0.2259
25.98	8.4649	-0.1919	-1.0231	0.6258	0.0269	0.2502
28.04	9.5202	-0.2369	-1.5043	0.6880	0.0285	0.2774
30.07	10.5670	-0.2906	-2.0035	0.7567	0.0301	0.3061

Table 4. Continued

(jj) Concluded

TEST 1629 RUN 140 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.98	-2.1627	0.5581	3.8641	-0.3448	-0.0221	-0.1421
-1.02	-1.8980	0.5296	3.6624	-0.3089	-0.0198	-0.1288
-0.02	-1.6095	0.4951	3.4303	-0.2684	-0.0176	-0.1132
1.04	-1.3125	0.4579	3.1763	-0.2265	-0.0149	-0.0978
2.05	-1.0277	0.4224	2.9291	-0.1874	-0.0123	-0.0825
3.04	-0.7377	0.3891	2.6861	-0.1511	-0.0100	-0.0682
4.04	-0.4353	0.3565	2.4457	-0.1096	-0.0078	-0.0537
6.10	0.1838	0.2985	1.9795	-0.0443	-0.0020	-0.0267
8.03	0.8113	0.2425	1.6124	0.0202	0.0040	-0.0011
9.99	1.4542	0.2013	1.4476	0.0679	0.0073	0.0201
12.06	2.1360	0.1605	1.3398	0.1251	0.0090	0.0417
13.98	2.7783	0.1289	1.2491	0.1703	0.0100	0.0604
16.00	3.4740	0.0930	1.1508	0.2182	0.0111	0.0801
18.03	4.1846	0.0630	1.0395	0.2630	0.0123	0.0994
20.05	4.9501	0.0169	0.8352	0.3130	0.0139	0.1211
22.04	5.7385	-0.0054	0.5717	0.3623	0.0153	0.1432
24.05	6.5783	-0.0349	0.2374	0.4216	0.0167	0.1685
25.98	7.4366	-0.0700	-0.1426	0.4856	0.0181	0.1951
28.08	8.4147	-0.1063	-0.5688	0.5484	0.0200	0.2246
30.03	9.3502	-0.1425	-1.0132	0.6166	0.0220	0.2533

TEST 1629 RUN 143 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.07	-1.7243	0.4481	2.7331	-0.2227	-0.0160	-0.1079
-0.96	-1.4553	0.4183	2.6006	-0.1914	-0.0142	-0.0946
-0.05	-1.2391	0.3926	2.4654	-0.1618	-0.0124	-0.0833
0.95	-1.0033	0.3670	2.3252	-0.1423	-0.0110	-0.0724
2.01	-0.7523	0.3415	2.1905	-0.1098	-0.0095	-0.0604
3.03	-0.5021	0.3188	2.0595	-0.0823	-0.0073	-0.0492
4.04	-0.2522	0.2960	1.9405	-0.0618	-0.0050	-0.0393
6.00	0.2299	0.2566	1.7257	-0.0133	-0.0009	-0.0206
8.05	0.7372	0.2313	1.6346	0.0199	0.0019	-0.0050
10.03	1.2344	0.2128	1.6833	0.0523	0.0034	0.0086
11.99	1.7141	0.1969	1.7545	0.0857	0.0061	0.0218
14.06	2.2579	0.1781	1.8047	0.1198	0.0080	0.0358
15.95	2.7769	0.1662	1.8125	0.1518	0.0095	0.0494
17.96	3.3839	0.1311	1.7784	0.1908	0.0112	0.0652
19.99	4.0550	0.1141	1.6986	0.2361	0.0125	0.0835
22.01	4.7879	0.1011	1.5567	0.2828	0.0140	0.1039
24.02	5.5679	0.0873	1.3838	0.3325	0.0158	0.1268
26.01	6.3925	0.0667	1.1685	0.3966	0.0176	0.1525
27.97	7.2713	0.0403	0.9368	0.4528	0.0191	0.1804
30.00	8.2430	0.0073	0.5699	0.5280	0.0213	0.2137

Table 4. Continued

(kk) Body alone

TEST 1056 RUN 2 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.37	-0.1007	0.1444	-0.2926	0.0000	0.0000	0.0000
-0.97	-0.0876	0.1461	-0.2176	0.0000	0.0000	0.0000
-0.02	-0.0439	0.1424	-0.0491	0.0000	0.0000	0.0000
1.02	-0.0037	0.1464	0.1357	0.0000	0.0000	0.0000
2.03	0.0394	0.1448	0.3149	0.0000	0.0000	0.0000
3.05	0.0853	0.1468	0.4934	0.0000	0.0000	0.0000
4.08	0.1335	0.1473	0.6686	0.0000	0.0000	0.0000
6.20	0.2450	0.1522	1.0182	0.0000	0.0000	0.0000
8.23	0.3755	0.1426	1.3399	0.0000	0.0000	0.0000
10.29	0.5306	0.1356	1.6960	0.0000	0.0000	0.0000
12.39	0.7049	0.1235	2.0912	0.0000	0.0000	0.0000
14.51	0.9059	0.1181	2.5233	0.0000	0.0000	0.0000
16.64	1.1358	0.0930	2.9606	0.0000	0.0000	0.0000
18.77	1.3962	0.0752	3.4085	0.0000	0.0000	0.0000
20.93	1.6806	0.0473	3.8691	0.0000	0.0000	0.0000
23.12	1.9996	0.0209	4.0526	0.0000	0.0000	0.0000

TEST 1056 RUN 1 M = 0.90 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.38	-0.1186	0.1532	-0.3262	0.0000	0.0000	0.0000
-1.04	-0.1027	0.1527	-0.2658	0.0000	0.0000	0.0000
-0.04	-0.0585	0.1511	-0.0814	0.0000	0.0000	0.0000
1.00	-0.0114	0.1511	0.1035	0.0000	0.0000	0.0000
2.05	0.0354	0.1523	0.2905	0.0000	0.0000	0.0000
3.08	0.0811	0.1547	0.4718	0.0000	0.0000	0.0000
4.08	0.1299	0.1563	0.6487	0.0000	0.0000	0.0000
6.16	0.2502	0.1631	0.9899	0.0000	0.0000	0.0000
8.31	0.4010	0.1640	1.3522	0.0000	0.0000	0.0000
10.31	0.5655	0.1574	1.7121	0.0000	0.0000	0.0000
12.44	0.7619	0.1429	2.1462	0.0000	0.0000	0.0000
14.54	0.9810	0.1285	2.6294	0.0000	0.0000	0.0000
16.70	1.2378	0.1016	3.1381	0.0000	0.0000	0.0000
18.84	1.5277	0.0789	3.6624	0.0000	0.0000	0.0000
21.03	1.8624	0.0529	4.0660	0.0000	0.0000	0.0000
23.18	2.1369	0.0147	4.3179	0.0000	0.0000	0.0000

Table 4. Continued

(kk) Continued

TEST 1056 RUN 36 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.01	-0.0372	0.2420	-0.1304	0.0000	0.0000	0.0000
0.03	0.0162	0.2382	0.0388	0.0000	0.0000	0.0000
1.00	0.0694	0.2383	0.1950	0.0000	0.0000	0.0000
2.01	0.1158	0.2414	0.3921	0.0000	0.0000	0.0000
3.01	0.1522	0.2397	0.6353	0.0000	0.0000	0.0000
4.00	0.2044	0.2509	0.8303	0.0000	0.0000	0.0000
6.01	0.3225	0.2766	1.2379	0.0000	0.0000	0.0000
8.03	0.4708	0.2869	1.6392	0.0000	0.0000	0.0000
10.01	0.6502	0.2616	2.0602	0.0000	0.0000	0.0000
12.00	0.8584	0.2634	2.5355	0.0000	0.0000	0.0000
14.00	1.1035	0.2538	3.0758	0.0000	0.0000	0.0000
16.00	1.3896	0.2440	3.6803	0.0000	0.0000	0.0000
18.00	1.7237	0.2358	4.3658	0.0000	0.0000	0.0000
20.02	2.1928	0.2158	5.2460	0.0000	0.0000	0.0000
22.01	2.7137	0.2036	6.2443	0.0000	0.0000	0.0000

TEST 1802 RUN 109 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.03	-0.1343	0.2418	-0.5348	0.0000	0.0000	0.0000
-1.05	-0.0858	0.2397	-0.3057	0.0000	0.0000	0.0000
-0.05	-0.0351	0.2393	-0.0639	0.0000	0.0000	0.0000
0.98	0.0079	0.2401	0.1473	0.0000	0.0000	0.0000
1.99	0.0604	0.2406	0.3890	0.0000	0.0000	0.0000
3.00	0.1150	0.2429	0.6202	0.0000	0.0000	0.0000
4.01	0.1738	0.2463	0.8521	0.0000	0.0000	0.0000
5.98	0.3053	0.2494	1.2498	0.0000	0.0000	0.0000
7.98	0.4740	0.2497	1.6661	0.0000	0.0000	0.0000
10.01	0.6987	0.2476	2.1989	0.0000	0.0000	0.0000
11.97	0.9392	0.2385	2.7633	0.0000	0.0000	0.0000
13.98	1.2816	0.2336	3.4948	0.0000	0.0000	0.0000
15.98	1.7490	0.2288	4.3967	0.0000	0.0000	0.0000
17.95	2.2106	0.2207	5.3141	0.0000	0.0000	0.0000
19.93	2.7317	0.2130	6.1955	0.0000	0.0000	0.0000
21.97	3.3893	0.2112	7.0172	0.0000	0.0000	0.0000
23.97	4.0718	0.2074	7.6030	0.0000	0.0000	0.0000
25.98	4.7603	0.2107	7.9481	0.0000	0.0000	0.0000
27.91	5.4989	0.2079	8.4919	0.0000	0.0000	0.0000
29.93	6.2143	0.2017	8.8547	0.0000	0.0000	0.0000

Table 4. Continued

(kk) Continued

TEST 1802 RUN 110 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-2.21	-0.1361	0.2214	-0.5945	0.0000	0.0000	0.0000
-1.22	-0.0870	0.2201	-0.3546	0.0000	0.0000	0.0000
-0.16	-0.0331	0.2188	-0.0799	0.0000	0.0000	0.0000
0.81	0.0134	0.2195	0.1467	0.0000	0.0000	0.0000
1.82	0.0667	0.2205	0.3996	0.0000	0.0000	0.0000
2.82	0.1221	0.2226	0.6458	0.0000	0.0000	0.0000
3.83	0.1870	0.2244	0.8904	0.0000	0.0000	0.0000
5.81	0.3378	0.2274	1.3575	0.0000	0.0000	0.0000
7.88	0.5505	0.2291	1.8781	0.0000	0.0000	0.0000
9.81	0.7918	0.2238	2.4310	0.0000	0.0000	0.0000
11.80	1.1586	0.2224	3.1324	0.0000	0.0000	0.0000
13.85	1.6010	0.2210	3.9857	0.0000	0.0000	0.0000
15.79	2.0930	0.2186	4.6608	0.0000	0.0000	0.0000
17.78	2.6294	0.2185	5.2342	0.0000	0.0000	0.0000
19.82	3.2168	0.2209	5.7274	0.0000	0.0000	0.0000
21.80	3.8028	0.2259	6.2281	0.0000	0.0000	0.0000
23.83	4.4209	0.2315	6.6798	0.0000	0.0000	0.0000
27.76	5.6352	0.2413	7.4838	0.0000	0.0000	0.0000
25.80	5.0278	0.2371	7.0970	0.0000	0.0000	0.0000
29.86	6.2986	0.2517	7.8052	0.0000	0.0000	0.0000

TEST 1629 RUN 150 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.99	-0.1317	0.2113	-0.5444	0.0000	0.0000	0.0000
-0.97	-0.0828	0.2099	-0.2993	0.0000	0.0000	0.0000
-0.06	-0.0341	0.2105	-0.0726	0.0000	0.0000	0.0000
0.95	0.0194	0.2107	0.1926	0.0000	0.0000	0.0000
2.08	0.0801	0.2130	0.4884	0.0000	0.0000	0.0000
3.00	0.1304	0.2159	0.7341	0.0000	0.0000	0.0000
4.06	0.1933	0.2181	0.9901	0.0000	0.0000	0.0000
6.11	0.3530	0.2217	1.5002	0.0000	0.0000	0.0000
8.14	0.5594	0.2271	2.0239	0.0000	0.0000	0.0000
10.08	0.8389	0.2226	2.5873	0.0000	0.0000	0.0000
12.08	1.2315	0.2227	3.2492	0.0000	0.0000	0.0000
14.06	1.6832	0.2229	3.8605	0.0000	0.0000	0.0000
16.06	2.1820	0.2230	4.3535	0.0000	0.0000	0.0000
18.07	2.6984	0.2267	4.8509	0.0000	0.0000	0.0000
20.03	3.2273	0.2310	5.3075	0.0000	0.0000	0.0000
22.07	3.7874	0.2406	5.7764	0.0000	0.0000	0.0000
24.14	4.3858	0.2465	6.1317	0.0000	0.0000	0.0000
26.07	4.9652	0.2517	6.4462	0.0000	0.0000	0.0000
28.11	5.6166	0.2604	6.7691	0.0000	0.0000	0.0000
30.08	6.2580	0.2719	7.0639	0.0000	0.0000	0.0000

Table 4. Concluded

(kk) Concluded

TEST 1629 RUN 153 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.70	-0.1163	0.1907	-0.5176	0.0000	0.0000	0.0000
-0.67	-0.0555	0.1910	-0.2364	0.0000	0.0000	0.0000
0.26	-0.0011	0.1906	0.0187	0.0000	0.0000	0.0000
1.25	0.0530	0.1909	0.2836	0.0000	0.0000	0.0000
2.26	0.1097	0.1905	0.5551	0.0000	0.0000	0.0000
3.25	0.1719	0.1926	0.8163	0.0000	0.0000	0.0000
4.28	0.2462	0.1958	1.0890	0.0000	0.0000	0.0000
6.25	0.4257	0.2036	1.5847	0.0000	0.0000	0.0000
8.24	0.6894	0.2050	2.0458	0.0000	0.0000	0.0000
10.23	1.0467	0.2055	2.4965	0.0000	0.0000	0.0000
12.24	1.4488	0.2083	2.8847	0.0000	0.0000	0.0000
14.33	1.9072	0.2117	3.3120	0.0000	0.0000	0.0000
16.27	2.3331	0.2159	3.7059	0.0000	0.0000	0.0000
18.30	2.8064	0.2229	4.1115	0.0000	0.0000	0.0000
20.29	3.2852	0.2310	4.4655	0.0000	0.0000	0.0000
22.30	3.7910	0.2397	4.7908	0.0000	0.0000	0.0000
24.36	4.3336	0.2504	5.1262	0.0000	0.0000	0.0000
26.32	4.8682	0.2608	5.4141	0.0000	0.0000	0.0000
28.29	5.4231	0.2784	5.7457	0.0000	0.0000	0.0000
30.28	6.0028	0.2950	6.0467	0.0000	0.0000	0.0000

TEST 1629 RUN 154 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-1.96	-0.1399	0.1617	-0.4527	0.0000	0.0000	0.0000
-0.99	-0.0840	0.1605	-0.2100	0.0000	0.0000	0.0000
0.01	-0.0246	0.1591	0.0371	0.0000	0.0000	0.0000
1.08	0.0380	0.1602	0.2968	0.0000	0.0000	0.0000
2.05	0.1003	0.1633	0.5396	0.0000	0.0000	0.0000
3.08	0.1698	0.1668	0.7824	0.0000	0.0000	0.0000
4.07	0.2468	0.1697	1.0254	0.0000	0.0000	0.0000
6.07	0.4462	0.1767	1.4558	0.0000	0.0000	0.0000
8.02	0.7261	0.1727	1.8181	0.0000	0.0000	0.0000
10.06	1.0665	0.1882	2.1938	0.0000	0.0000	0.0000
12.08	1.4015	0.1991	2.5917	0.0000	0.0000	0.0000
14.04	1.7455	0.2105	2.9620	0.0000	0.0000	0.0000
16.07	2.1317	0.2206	3.3308	0.0000	0.0000	0.0000
18.03	2.5302	0.2333	3.6796	0.0000	0.0000	0.0000
20.00	2.9569	0.2390	4.0366	0.0000	0.0000	0.0000
22.00	3.4301	0.2560	4.3950	0.0000	0.0000	0.0000
24.02	3.9298	0.2741	4.7591	0.0000	0.0000	0.0000
26.06	4.4634	0.2956	5.1414	0.0000	0.0000	0.0000
28.20	5.0630	0.3216	5.5776	0.0000	0.0000	0.0000
29.97	5.5871	0.3398	5.9198	0.0000	0.0000	0.0000

Table 5. Fin-Plate Data

(a) Fin 1

TEST 1058 RUN 80 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1036	0.0015	-0.0562
-4.00	0.0000	0.0000	0.0000	-0.0703	0.0010	-0.0428
-2.99	0.0000	0.0000	0.0000	-0.0448	0.0007	-0.0307
-2.00	0.0000	0.0000	0.0000	-0.0270	0.0009	-0.0199
-1.00	0.0000	0.0000	0.0000	-0.0076	0.0007	-0.0089
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0057	-0.0002	0.0077
2.01	0.0000	0.0000	0.0000	0.0385	-0.0002	0.0202
3.00	0.0000	0.0000	0.0000	0.0602	-0.0001	0.0312
4.00	0.0000	0.0000	0.0000	0.0794	-0.0006	0.0431
5.00	0.0000	0.0000	0.0000	0.1062	-0.0013	0.0562
6.00	0.0000	0.0000	0.0000	0.1308	-0.0023	0.0705
8.01	0.0000	0.0000	0.0000	0.2400	-0.0044	0.1065
10.00	0.0000	0.0000	0.0000	0.3427	-0.0047	0.1417
12.00	0.0000	0.0000	0.0000	0.4303	-0.0053	0.1763
14.00	0.0000	0.0000	0.0000	0.5336	-0.0060	0.2127
16.01	0.0000	0.0000	0.0000	0.6330	-0.0048	0.2460
18.00	0.0000	0.0000	0.0000	0.7408	-0.0031	0.2775
20.01	0.0000	0.0000	0.0000	0.8268	0.0011	0.3027
22.00	0.0000	0.0000	0.0000	0.8386	0.0230	0.2879
24.00	0.0000	0.0000	0.0000	0.8937	0.0245	0.2992
26.01	0.0000	0.0000	0.0000	0.9545	0.0264	0.3090
28.00	0.0000	0.0000	0.0000	0.9551	0.0339	0.3002
30.00	0.0000	0.0000	0.0000	0.9572	0.0382	0.2841
35.00	0.0000	0.0000	0.0000	0.8777	0.0424	0.2530
40.00	0.0000	0.0000	0.0000	0.8274	0.0068	0.2583
45.00	0.0000	0.0000	0.0000	0.7969	-0.0193	0.2677
50.00	0.0000	0.0000	0.0000	0.8533	-0.0357	0.2867
55.00	0.0000	0.0000	0.0000	0.9109	-0.0493	0.3034
60.00	0.0000	0.0000	0.0000	0.9584	-0.0617	0.3177
65.00	0.0000	0.0000	0.0000	0.9807	-0.0752	0.3301
70.00	0.0000	0.0000	0.0000	0.9896	-0.0888	0.3393
75.00	0.0000	0.0000	0.0000	0.9804	-0.1071	0.3455
80.00	0.0000	0.0000	0.0000	0.9844	-0.1254	0.3521
85.00	0.0000	0.0000	0.0000	0.9802	-0.1428	0.3566
90.00	0.0000	0.0000	0.0000	0.9739	-0.1604	0.3591
95.00	0.0000	0.0000	0.0000	0.9635	-0.1739	0.3586

Table 5. Continued

(a) Continued

TEST 1058 RUN 79 M = 0.89 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0889	-0.0033	-0.0493
-4.00	0.0000	0.0000	0.0000	-0.0589	-0.0046	-0.0365
-3.00	0.0000	0.0000	0.0000	-0.0262	-0.0052	-0.0230
-2.00	0.0000	0.0000	0.0000	-0.0152	-0.0048	-0.0131
-1.00	0.0000	0.0000	0.0000	0.0118	-0.0044	-0.0008
0.01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0195	0.0045	0.0037
2.01	0.0000	0.0000	0.0000	0.0501	0.0062	0.0147
3.00	0.0000	0.0000	0.0000	0.0648	0.0067	0.0248
4.00	0.0000	0.0000	0.0000	0.0801	0.0071	0.0348
5.01	0.0000	0.0000	0.0000	0.0959	0.0065	0.0470
6.01	0.0000	0.0000	0.0000	0.1394	0.0040	0.0646
8.00	0.0000	0.0000	0.0000	0.2341	-0.0010	0.1012
10.00	0.0000	0.0000	0.0000	0.3359	-0.0073	0.1409
12.00	0.0000	0.0000	0.0000	0.4478	-0.0143	0.1831
14.00	0.0000	0.0000	0.0000	0.5739	-0.0197	0.2237
16.00	0.0000	0.0000	0.0000	0.6865	-0.0217	0.2566
18.00	0.0000	0.0000	0.0000	0.7883	-0.0224	0.2845
20.00	0.0000	0.0000	0.0000	0.8727	-0.0210	0.3069
22.00	0.0000	0.0000	0.0000	0.9179	-0.0116	0.3165
24.00	0.0000	0.0000	0.0000	0.8983	0.0162	0.2851
26.00	0.0000	0.0000	0.0000	0.9457	0.0099	0.2891
28.00	0.0000	0.0000	0.0000	0.9483	0.0127	0.2815
30.00	0.0000	0.0000	0.0000	0.9572	0.0135	0.2809
35.00	0.0000	0.0000	0.0000	0.9671	0.0125	0.2878
40.00	0.0000	0.0000	0.0000	0.9749	-0.0219	0.3089
45.00	0.0000	0.0000	0.0000	0.9084	-0.0393	0.3015
50.00	0.0000	0.0000	0.0000	0.9351	-0.0561	0.3193
55.00	0.0000	0.0000	0.0000	0.9914	-0.0714	0.3401
60.00	0.0000	0.0000	0.0000	1.0473	-0.0851	0.3596
65.00	0.0000	0.0000	0.0000	1.1222	-0.0978	0.3788
70.00	0.0000	0.0000	0.0000	1.1384	-0.1104	0.3932
75.00	0.0000	0.0000	0.0000	1.1355	-0.1331	0.4021
80.00	0.0000	0.0000	0.0000	1.1230	-0.1534	0.4072
85.00	0.0000	0.0000	0.0000	1.1004	-0.1717	0.4090
90.00	0.0000	0.0000	0.0000	1.1046	-0.1888	0.4119
95.00	0.0000	0.0000	0.0000	1.1042	-0.2000	0.4117

Table 5. Continued

(a) Continued

TEST 1058 RUN 78 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1089	0.0089	-0.0594
-4.00	0.0000	0.0000	0.0000	-0.0722	0.0061	-0.0454
-3.00	0.0000	0.0000	0.0000	-0.0403	0.0027	-0.0310
-2.00	0.0000	0.0000	0.0000	-0.0176	0.0007	-0.0176
-1.00	0.0000	0.0000	0.0000	-0.0055	-0.0006	-0.0069
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0307	0.0002	0.0110
2.00	0.0000	0.0000	0.0000	0.0630	-0.0014	0.0230
3.00	0.0000	0.0000	0.0000	0.1020	-0.0054	0.0392
4.00	0.0000	0.0000	0.0000	0.1435	-0.0093	0.0555
5.00	0.0000	0.0000	0.0000	0.1820	-0.0136	0.0708
6.01	0.0000	0.0000	0.0000	0.2050	-0.0170	0.0844
8.00	0.0000	0.0000	0.0000	0.2814	-0.0227	0.1145
10.00	0.0000	0.0000	0.0000	0.3625	-0.0280	0.1443
12.00	0.0000	0.0000	0.0000	0.4366	-0.0317	0.1710
14.00	0.0000	0.0000	0.0000	0.5502	-0.0362	0.2036
16.00	0.0000	0.0000	0.0000	0.6272	-0.0347	0.2232
18.00	0.0000	0.0000	0.0000	0.7149	-0.0450	0.2527
20.00	0.0000	0.0000	0.0000	0.8088	-0.0537	0.2801
22.00	0.0000	0.0000	0.0000	0.9089	-0.0612	0.3070
24.00	0.0000	0.0000	0.0000	1.0104	-0.0694	0.3344
26.00	0.0000	0.0000	0.0000	1.0359	-0.0753	0.3519
28.00	0.0000	0.0000	0.0000	1.0492	-0.0733	0.3594
30.00	0.0000	0.0000	0.0000	1.0446	-0.0681	0.3596
35.00	0.0000	0.0000	0.0000	1.0786	-0.0639	0.3545
40.00	0.0000	0.0000	0.0000	1.0841	-0.0825	0.3782
45.00	0.0000	0.0000	0.0000	1.1595	-0.0966	0.4073
50.00	0.0000	0.0000	0.0000	1.2358	-0.1102	0.4323
55.00	0.0000	0.0000	0.0000	1.2581	-0.1207	0.4453
60.00	0.0000	0.0000	0.0000	1.2379	-0.1346	0.4509
65.00	0.0000	0.0000	0.0000	1.2328	-0.1555	0.4652
70.00	0.0000	0.0000	0.0000	1.2212	-0.1729	0.4724
75.00	0.0000	0.0000	0.0000	1.1956	-0.1900	0.4748
80.00	0.0000	0.0000	0.0000	1.2024	-0.2049	0.4804
85.00	0.0000	0.0000	0.0000	1.2393	-0.2154	0.4883
90.00	0.0000	0.0000	0.0000	1.2826	-0.2253	0.4956
95.00	0.0000	0.0000	0.0000	1.3021	-0.2326	0.4990

Table 5. Continued

(a) Continued

TEST 1802 RUN 132 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1359	0.0106	-0.0661
-4.00	0.0000	0.0000	0.0000	-0.1007	0.0082	-0.0532
-3.00	0.0000	0.0000	0.0000	-0.0702	0.0060	-0.0407
-2.00	0.0000	0.0000	0.0000	-0.0372	0.0033	-0.0277
-1.00	0.0000	0.0000	0.0000	-0.0085	0.0001	-0.0147
0.00	0.0000	0.0000	0.0000	0.0191	-0.0015	-0.0033
1.00	0.0000	0.0000	0.0000	0.0357	-0.0008	0.0044
2.00	0.0000	0.0000	0.0000	0.0530	-0.0013	0.0133
3.00	0.0000	0.0000	0.0000	0.0732	-0.0037	0.0236
4.00	0.0000	0.0000	0.0000	0.1046	-0.0065	0.0374
5.00	0.0000	0.0000	0.0000	0.1332	-0.0091	0.0502
6.00	0.0000	0.0000	0.0000	0.1662	-0.0117	0.0632
8.00	0.0000	0.0000	0.0000	0.2435	-0.0160	0.0896
10.00	0.0000	0.0000	0.0000	0.3173	-0.0196	0.1140
12.00	0.0000	0.0000	0.0000	0.3904	-0.0229	0.1376
14.00	0.0000	0.0000	0.0000	0.4575	-0.0258	0.1584
16.00	0.0000	0.0000	0.0000	0.5385	-0.0287	0.1808
18.00	0.0000	0.0000	0.0000	0.6029	-0.0317	0.2009
20.00	0.0000	0.0000	0.0000	0.6643	-0.0352	0.2205
22.00	0.0000	0.0000	0.0000	0.7037	-0.0393	0.2364
24.00	0.0000	0.0000	0.0000	0.7464	-0.0442	0.2541
26.00	0.0000	0.0000	0.0000	0.8055	-0.0497	0.2734
28.00	0.0000	0.0000	0.0000	0.8586	-0.0543	0.2908
30.00	0.0000	0.0000	0.0000	0.9092	-0.0588	0.3070
35.00	0.0000	0.0000	0.0000	1.0494	-0.0648	0.3397
40.00	0.0000	0.0000	0.0000	1.1875	-0.0893	0.3870
45.00	0.0000	0.0000	0.0000	1.2507	-0.1062	0.4201
50.00	0.0000	0.0000	0.0000	1.3093	-0.1285	0.4540
55.00	0.0000	0.0000	0.0000	1.3529	-0.1472	0.4809
60.00	0.0000	0.0000	0.0000	1.3631	-0.1612	0.4988
65.00	0.0000	0.0000	0.0000	1.3586	-0.1745	0.5105
70.00	0.0000	0.0000	0.0000	1.3304	-0.1875	0.5128
75.00	0.0000	0.0000	0.0000	1.3194	-0.2016	0.5171
80.00	0.0000	0.0000	0.0000	1.3031	-0.2115	0.5176
85.00	0.0000	0.0000	0.0000	1.2966	-0.2213	0.5184
90.00	0.0000	0.0000	0.0000	1.3094	-0.2330	0.5228
95.00	0.0000	0.0000	0.0000	1.3314	-0.2441	0.5277

Table 5. Continued

(a) Continued

TEST 1802 RUN 133 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1377	0.0056	-0.0571
-4.00	0.0000	0.0000	0.0000	-0.1137	0.0037	-0.0479
-3.00	0.0000	0.0000	0.0000	-0.0811	0.0019	-0.0362
-2.00	0.0000	0.0000	0.0000	-0.0536	-0.0001	-0.0252
-1.00	0.0000	0.0000	0.0000	-0.0236	-0.0020	-0.0140
0.00	0.0000	0.0000	0.0000	0.0053	-0.0021	-0.0044
1.00	0.0000	0.0000	0.0000	0.0171	-0.0018	0.0027
2.00	0.0000	0.0000	0.0000	0.0267	-0.0020	0.0097
3.00	0.0000	0.0000	0.0000	0.0517	-0.0035	0.0202
4.00	0.0000	0.0000	0.0000	0.0747	-0.0057	0.0309
5.00	0.0000	0.0000	0.0000	0.0975	-0.0077	0.0414
6.00	0.0000	0.0000	0.0000	0.1253	-0.0095	0.0527
8.00	0.0000	0.0000	0.0000	0.1800	-0.0126	0.0739
10.00	0.0000	0.0000	0.0000	0.2389	-0.0160	0.0949
12.00	0.0000	0.0000	0.0000	0.3290	-0.0170	0.1160
14.00	0.0000	0.0000	0.0000	0.3802	-0.0190	0.1322
16.00	0.0000	0.0000	0.0000	0.4231	-0.0211	0.1493
18.00	0.0000	0.0000	0.0000	0.4576	-0.0234	0.1636
20.00	0.0000	0.0000	0.0000	0.4988	-0.0258	0.1783
22.00	0.0000	0.0000	0.0000	0.5473	-0.0282	0.1940
24.00	0.0000	0.0000	0.0000	0.5928	-0.0309	0.2087
26.00	0.0000	0.0000	0.0000	0.6387	-0.0342	0.2237
28.00	0.0000	0.0000	0.0000	0.6951	-0.0375	0.2410
30.00	0.0000	0.0000	0.0000	0.7409	-0.0405	0.2562
35.00	0.0000	0.0000	0.0000	0.8707	-0.0553	0.3007
40.00	0.0000	0.0000	0.0000	0.9955	-0.0777	0.3519
45.00	0.0000	0.0000	0.0000	1.1238	-0.1015	0.4026
50.00	0.0000	0.0000	0.0000	1.2159	-0.1297	0.4492
55.00	0.0000	0.0000	0.0000	1.2560	-0.1511	0.4807
60.00	0.0000	0.0000	0.0000	1.2679	-0.1668	0.4999
65.00	0.0000	0.0000	0.0000	1.2553	-0.1809	0.5089
70.00	0.0000	0.0000	0.0000	1.2178	-0.1938	0.5078
75.00	0.0000	0.0000	0.0000	1.2051	-0.2106	0.5115
80.00	0.0000	0.0000	0.0000	1.1832	-0.2177	0.5101
85.00	0.0000	0.0000	0.0000	1.1619	-0.2262	0.5065
90.00	0.0000	0.0000	0.0000	1.1596	-0.2380	0.5080
95.00	0.0000	0.0000	0.0000	1.1853	-0.2502	0.5149

Table 5. Continued

(a) Continued

TEST 1629 RUN 156 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0993	0.0013	-0.0376
-4.00	0.0000	0.0000	0.0000	-0.0749	0.0002	-0.0286
-3.00	0.0000	0.0000	0.0000	-0.0518	-0.0010	-0.0184
-2.00	0.0000	0.0000	0.0000	-0.0326	-0.0009	-0.0106
-1.00	0.0000	0.0000	0.0000	-0.0040	-0.0002	-0.0023
0.00	0.0000	0.0000	0.0000	0.0172	0.0004	0.0049
1.00	0.0000	0.0000	0.0000	0.0411	0.0007	0.0130
2.00	0.0000	0.0000	0.0000	0.0558	-0.0007	0.0209
3.00	0.0000	0.0000	0.0000	0.0957	-0.0019	0.0327
4.00	0.0000	0.0000	0.0000	0.1161	-0.0037	0.0424
5.00	0.0000	0.0000	0.0000	0.1486	-0.0040	0.0530
6.00	0.0000	0.0000	0.0000	0.1779	-0.0052	0.0626
8.00	0.0000	0.0000	0.0000	0.2233	-0.0083	0.0792
10.00	0.0000	0.0000	0.0000	0.2618	-0.0127	0.0959
12.00	0.0000	0.0000	0.0000	0.3042	-0.0164	0.1114
14.00	0.0000	0.0000	0.0000	0.3414	-0.0191	0.1259
16.00	0.0000	0.0000	0.0000	0.3516	-0.0222	0.1370
18.00	0.0000	0.0000	0.0000	0.4121	-0.0250	0.1555
20.00	0.0000	0.0000	0.0000	0.4512	-0.0262	0.1692
22.00	0.0000	0.0000	0.0000	0.4928	-0.0287	0.1835
24.00	0.0000	0.0000	0.0000	0.5371	-0.0310	0.1982
26.00	0.0000	0.0000	0.0000	0.5896	-0.0331	0.2137
28.00	0.0000	0.0000	0.0000	0.6354	-0.0343	0.2273
30.00	0.0000	0.0000	0.0000	0.6681	-0.0368	0.2407
35.00	0.0000	0.0000	0.0000	0.7985	-0.0535	0.2882
40.00	0.0000	0.0000	0.0000	0.9456	-0.0773	0.3459
45.00	0.0000	0.0000	0.0000	1.0563	-0.1038	0.4004
50.00	0.0000	0.0000	0.0000	1.1229	-0.1345	0.4449
55.00	0.0000	0.0000	0.0000	1.1694	-0.1559	0.4769
60.00	0.0000	0.0000	0.0000	1.1809	-0.1710	0.4924
65.00	0.0000	0.0000	0.0000	1.1369	-0.1831	0.4906
70.00	0.0000	0.0000	0.0000	1.1132	-0.1997	0.4894
75.00	0.0000	0.0000	0.0000	1.0842	-0.2086	0.4868
80.00	0.0000	0.0000	0.0000	1.0581	-0.2195	0.4851
85.00	0.0000	0.0000	0.0000	1.0381	-0.2276	0.4828
90.00	0.0000	0.0000	0.0000	1.0314	-0.2389	0.4837
94.80	0.0000	0.0000	0.0000	1.0520	-0.2475	0.4895

Table 5. Continued

(a) Continued

TEST 1629 RUN 157 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1069	0.0012	-0.0324
-4.00	0.0000	0.0000	0.0000	-0.0761	0.0006	-0.0229
-3.00	0.0000	0.0000	0.0000	-0.0543	0.0000	-0.0150
-2.00	0.0000	0.0000	0.0000	-0.0353	-0.0011	-0.0071
-1.00	0.0000	0.0000	0.0000	-0.0109	-0.0005	0.0006
0.00	0.0000	0.0000	0.0000	0.0043	0.0000	0.0067
1.00	0.0000	0.0000	0.0000	0.0139	-0.0001	0.0125
2.00	0.0000	0.0000	0.0000	0.0417	0.0000	0.0214
3.00	0.0000	0.0000	0.0000	0.0607	-0.0003	0.0291
4.00	0.0000	0.0000	0.0000	0.0707	-0.0004	0.0355
5.00	0.0000	0.0000	0.0000	0.0924	-0.0008	0.0434
6.00	0.0000	0.0000	0.0000	0.1077	-0.0011	0.0498
8.00	0.0000	0.0000	0.0000	0.1415	-0.0023	0.0633
10.00	0.0000	0.0000	0.0000	0.1717	-0.0044	0.0757
12.00	0.0000	0.0000	0.0000	0.2020	-0.0081	0.0884
14.00	0.0000	0.0000	0.0000	0.2380	-0.0117	0.1019
16.00	0.0000	0.0000	0.0000	0.2647	-0.0148	0.1136
18.00	0.0000	0.0000	0.0000	0.2990	-0.0178	0.1275
20.00	0.0000	0.0000	0.0000	0.3355	-0.0204	0.1416
22.00	0.0000	0.0000	0.0000	0.3850	-0.0234	0.1590
24.00	0.0000	0.0000	0.0000	0.4174	-0.0258	0.1739
26.00	0.0000	0.0000	0.0000	0.4696	-0.0270	0.1906
28.00	0.0000	0.0000	0.0000	0.5148	-0.0277	0.2057
30.00	0.0000	0.0000	0.0000	0.5609	-0.0297	0.2215
35.00	0.0000	0.0000	0.0000	0.6564	-0.0404	0.2621
40.00	0.0000	0.0000	0.0000	0.7972	-0.0617	0.3162
45.00	0.0000	0.0000	0.0000	0.9315	-0.0904	0.3811
50.00	0.0000	0.0000	0.0000	1.0423	-0.1228	0.4428
55.00	0.0000	0.0000	0.0000	1.1243	-0.1644	0.5001
60.00	0.0000	0.0000	0.0000	1.1713	-0.1858	0.5308
65.00	0.0000	0.0000	0.0000	1.1301	-0.2002	0.5276
70.00	0.0000	0.0000	0.0000	1.0493	-0.2119	0.5077
75.00	0.0000	0.0000	0.0000	1.0143	-0.2228	0.5014
80.00	0.0000	0.0000	0.0000	0.9737	-0.2311	0.4909
85.00	0.0000	0.0000	0.0000	0.9642	-0.2450	0.4951
90.00	0.0000	0.0000	0.0000	0.9697	-0.2540	0.5005
94.80	0.0000	0.0000	0.0000	0.9669	-0.2623	0.5016

Table 5. Continued

(a) Concluded

TEST 1629 RUN 158 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0984	-0.0019	-0.0296
-4.00	0.0000	0.0000	0.0000	-0.0679	-0.0017	-0.0212
-3.00	0.0000	0.0000	0.0000	-0.0488	-0.0021	-0.0141
-2.00	0.0000	0.0000	0.0000	-0.0383	-0.0018	-0.0093
-1.00	0.0000	0.0000	0.0000	-0.0276	-0.0022	-0.0041
0.00	0.0000	0.0000	0.0000	-0.0245	-0.0014	-0.0001
1.00	0.0000	0.0000	0.0000	0.0019	-0.0008	0.0075
2.00	0.0000	0.0000	0.0000	0.0167	-0.0025	0.0138
3.00	0.0000	0.0000	0.0000	0.0279	-0.0035	0.0197
4.00	0.0000	0.0000	0.0000	0.0392	-0.0036	0.0257
5.00	0.0000	0.0000	0.0000	0.0424	-0.0040	0.0301
6.00	0.0000	0.0000	0.0000	0.0492	-0.0047	0.0348
8.00	0.0000	0.0000	0.0000	0.0704	-0.0046	0.0448
10.00	0.0000	0.0000	0.0000	0.0957	-0.0041	0.0556
12.00	0.0000	0.0000	0.0000	0.1202	-0.0052	0.0655
14.00	0.0000	0.0000	0.0000	0.1440	-0.0056	0.0743
16.00	0.0000	0.0000	0.0000	0.1775	-0.0067	0.0870
18.00	0.0000	0.0000	0.0000	0.2343	-0.0085	0.1032
20.00	0.0000	0.0000	0.0000	0.2840	-0.0116	0.1194
22.00	0.0000	0.0000	0.0000	0.3143	-0.0144	0.1328
24.00	0.0000	0.0000	0.0000	0.3526	-0.0172	0.1474
26.00	0.0000	0.0000	0.0000	0.3796	-0.0186	0.1609
28.00	0.0000	0.0000	0.0000	0.4426	-0.0218	0.1810
30.00	0.0000	0.0000	0.0000	0.4977	-0.0246	0.1996
35.00	0.0000	0.0000	0.0000	0.6271	-0.0332	0.2450
40.00	0.0000	0.0000	0.0000	0.7466	-0.0471	0.2919
45.00	0.0000	0.0000	0.0000	0.8287	-0.0741	0.3467
50.00	0.0000	0.0000	0.0000	0.9743	-0.1053	0.4228
55.00	0.0000	0.0000	0.0000	1.0726	-0.1478	0.4980
60.00	0.0000	0.0000	0.0000	1.0799	-0.2033	0.5413
65.00	0.0000	0.0000	0.0000	1.0125	-0.2332	0.5300
70.00	0.0000	0.0000	0.0000	0.9289	-0.2461	0.5079
75.00	0.0000	0.0000	0.0000	0.8924	-0.2488	0.4914
80.00	0.0000	0.0000	0.0000	0.8553	-0.2546	0.4800
85.00	0.0000	0.0000	0.0000	0.8687	-0.2666	0.4861
90.00	0.0000	0.0000	0.0000	0.8740	-0.2742	0.4897
94.80	0.0000	0.0000	0.0000	0.8758	-0.2806	0.4933

Table 5. Continued

(b) Fin 2

TEST 1058 RUN 37 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2094	-0.0163	-0.0901
-4.00	0.0000	0.0000	0.0000	-0.1713	-0.0103	-0.0742
-3.01	0.0000	0.0000	0.0000	-0.1229	-0.0072	-0.0554
-2.01	0.0000	0.0000	0.0000	-0.0828	-0.0052	-0.0364
-1.00	0.0000	0.0000	0.0000	-0.0390	-0.0027	-0.0179
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0378	0.0032	0.0172
2.01	0.0000	0.0000	0.0000	0.0766	0.0054	0.0348
3.01	0.0000	0.0000	0.0000	0.1162	0.0079	0.0527
4.00	0.0000	0.0000	0.0000	0.1692	0.0100	0.0727
5.00	0.0000	0.0000	0.0000	0.2179	0.0135	0.0911
6.00	0.0000	0.0000	0.0000	0.2698	0.0171	0.1086
8.01	0.0000	0.0000	0.0000	0.3623	0.0326	0.1342
10.00	0.0000	0.0000	0.0000	0.4454	0.0453	0.1567
11.99	0.0000	0.0000	0.0000	0.5250	0.0578	0.1758
14.02	0.0000	0.0000	0.0000	0.5710	0.0665	0.1825
16.02	0.0000	0.0000	0.0000	0.6560	0.0683	0.2042
18.01	0.0000	0.0000	0.0000	0.7184	0.0728	0.2203
20.00	0.0000	0.0000	0.0000	0.7332	0.0685	0.2182
21.99	0.0000	0.0000	0.0000	0.7694	0.0586	0.2260
24.02	0.0000	0.0000	0.0000	0.8037	0.0496	0.2376
26.02	0.0000	0.0000	0.0000	0.8348	0.0440	0.2481
28.01	0.0000	0.0000	0.0000	0.8612	0.0366	0.2566
30.00	0.0000	0.0000	0.0000	0.8670	0.0287	0.2618
35.00	0.0000	0.0000	0.0000	0.8892	0.0132	0.2724
40.00	0.0000	0.0000	0.0000	0.9286	-0.0019	0.2901
45.00	0.0000	0.0000	0.0000	0.9610	-0.0106	0.3047
50.00	0.0000	0.0000	0.0000	0.9846	-0.0223	0.3162
55.00	0.0000	0.0000	0.0000	1.0217	-0.0357	0.3300
60.00	0.0000	0.0000	0.0000	1.0433	-0.0504	0.3417
65.00	0.0000	0.0000	0.0000	1.0639	-0.0657	0.3532
70.00	0.0000	0.0000	0.0000	1.0904	-0.0831	0.3665
75.00	0.0000	0.0000	0.0000	1.1193	-0.0987	0.3775
80.00	0.0000	0.0000	0.0000	1.1348	-0.1134	0.3845
85.00	0.0000	0.0000	0.0000	1.1478	-0.1262	0.3892
90.00	0.0000	0.0000	0.0000	1.1652	-0.1408	0.3952

Table 5. Continued

(b) Continued

TEST 1058 RUN 36 M = 0.88 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1860	-0.0294	-0.0758
-4.02	0.0000	0.0000	0.0000	-0.1318	-0.0231	-0.0595
-3.01	0.0000	0.0000	0.0000	-0.0931	-0.0189	-0.0422
-1.99	0.0000	0.0000	0.0000	-0.0569	-0.0132	-0.0263
-1.02	0.0000	0.0000	0.0000	-0.0415	-0.0062	-0.0150
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.02	0.0000	0.0000	0.0000	0.0159	0.0106	0.0063
1.99	0.0000	0.0000	0.0000	0.0462	0.0138	0.0237
3.01	0.0000	0.0000	0.0000	0.0778	0.0212	0.0369
4.02	0.0000	0.0000	0.0000	0.1170	0.0257	0.0528
5.00	0.0000	0.0000	0.0000	0.1628	0.0300	0.0696
6.02	0.0000	0.0000	0.0000	0.2149	0.0398	0.0819
8.01	0.0000	0.0000	0.0000	0.3408	0.0501	0.1154
10.00	0.0000	0.0000	0.0000	0.4444	0.0572	0.1423
11.99	0.0000	0.0000	0.0000	0.5434	0.0598	0.1686
14.02	0.0000	0.0000	0.0000	0.6278	0.0591	0.1920
16.02	0.0000	0.0000	0.0000	0.7035	0.0526	0.2138
18.01	0.0000	0.0000	0.0000	0.7736	0.0465	0.2300
20.00	0.0000	0.0000	0.0000	0.8080	0.0386	0.2381
21.99	0.0000	0.0000	0.0000	0.8352	0.0325	0.2479
24.02	0.0000	0.0000	0.0000	0.8705	0.0234	0.2606
26.02	0.0000	0.0000	0.0000	0.8922	0.0166	0.2717
28.01	0.0000	0.0000	0.0000	0.9209	0.0119	0.2822
30.00	0.0000	0.0000	0.0000	0.9581	0.0050	0.2952
35.00	0.0000	0.0000	0.0000	1.0407	-0.0113	0.3214
40.00	0.0000	0.0000	0.0000	1.0435	-0.0190	0.3273
45.00	0.0000	0.0000	0.0000	1.0630	-0.0290	0.3381
50.00	0.0000	0.0000	0.0000	1.1048	-0.0413	0.3535
55.00	0.0000	0.0000	0.0000	1.1483	-0.0544	0.3709
60.00	0.0000	0.0000	0.0000	1.1783	-0.0700	0.3858
65.00	0.0000	0.0000	0.0000	1.2016	-0.0866	0.3993
70.00	0.0000	0.0000	0.0000	1.2152	-0.1015	0.4085
75.00	0.0000	0.0000	0.0000	1.2339	-0.1151	0.4172
80.00	0.0000	0.0000	0.0000	1.2452	-0.1270	0.4226
85.00	0.0000	0.0000	0.0000	1.2611	-0.1381	0.4273
90.00	0.0000	0.0000	0.0000	1.2674	-0.1469	0.4283

Table 5. Continued

(b) Continued

TEST 1058 RUN 35 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2290	0.0144	-0.1021
-4.00	0.0000	0.0000	0.0000	-0.1768	0.0117	-0.0808
-3.01	0.0000	0.0000	0.0000	-0.1358	0.0091	-0.0593
-2.01	0.0000	0.0000	0.0000	-0.0909	0.0060	-0.0383
-1.00	0.0000	0.0000	0.0000	-0.0413	0.0024	-0.0168
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0489	-0.0001	0.0160
2.01	0.0000	0.0000	0.0000	0.0876	-0.0028	0.0348
3.01	0.0000	0.0000	0.0000	0.1261	-0.0052	0.0554
4.00	0.0000	0.0000	0.0000	0.1753	-0.0085	0.0767
5.00	0.0000	0.0000	0.0000	0.2428	-0.0121	0.1016
6.00	0.0000	0.0000	0.0000	0.3095	-0.0148	0.1261
7.99	0.0000	0.0000	0.0000	0.4546	-0.0172	0.1726
10.02	0.0000	0.0000	0.0000	0.5797	-0.0172	0.2118
12.01	0.0000	0.0000	0.0000	0.6828	-0.0169	0.2434
14.00	0.0000	0.0000	0.0000	0.7798	-0.0162	0.2697
16.00	0.0000	0.0000	0.0000	0.8586	-0.0135	0.2887
17.99	0.0000	0.0000	0.0000	0.9237	-0.0096	0.3059
20.02	0.0000	0.0000	0.0000	0.9807	-0.0088	0.3222
22.01	0.0000	0.0000	0.0000	1.0468	-0.0212	0.3428
24.00	0.0000	0.0000	0.0000	1.1246	-0.0324	0.3662
26.00	0.0000	0.0000	0.0000	1.2037	-0.0395	0.3867
27.99	0.0000	0.0000	0.0000	1.2683	-0.0453	0.4047
30.02	0.0000	0.0000	0.0000	1.3252	-0.0522	0.4215
35.02	0.0000	0.0000	0.0000	1.4509	-0.0565	0.4527
40.02	0.0000	0.0000	0.0000	1.4659	-0.0610	0.4583
45.02	0.0000	0.0000	0.0000	1.4658	-0.0734	0.4700
50.02	0.0000	0.0000	0.0000	1.4840	-0.0891	0.4877
55.00	0.0000	0.0000	0.0000	1.5204	-0.1068	0.5060
60.02	0.0000	0.0000	0.0000	1.5380	-0.1254	0.5205
65.02	0.0000	0.0000	0.0000	1.5471	-0.1434	0.5321
70.02	0.0000	0.0000	0.0000	1.5507	-0.1580	0.5410
75.02	0.0000	0.0000	0.0000	1.5532	-0.1696	0.5474
80.02	0.0000	0.0000	0.0000	1.5555	-0.1778	0.5513
85.02	0.0000	0.0000	0.0000	1.5624	-0.1853	0.5543
90.02	0.0000	0.0000	0.0000	1.5714	-0.1924	0.5556

Table 5. Continued

(b) Continued

TEST 1802 RUN 123 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2119	0.0123	-0.0947
-4.00	0.0000	0.0000	0.0000	-0.1785	0.0107	-0.0810
-3.00	0.0000	0.0000	0.0000	-0.1365	0.0084	-0.0628
-2.00	0.0000	0.0000	0.0000	-0.0965	0.0060	-0.0454
-1.00	0.0000	0.0000	0.0000	-0.0494	0.0031	-0.0279
0.00	0.0000	0.0000	0.0000	-0.0012	0.0016	-0.0101
1.00	0.0000	0.0000	0.0000	0.0423	0.0013	0.0056
2.00	0.0000	0.0000	0.0000	0.0730	0.0004	0.0198
3.00	0.0000	0.0000	0.0000	0.1187	-0.0021	0.0386
4.00	0.0000	0.0000	0.0000	0.1589	-0.0048	0.0569
5.00	0.0000	0.0000	0.0000	0.1992	-0.0071	0.0739
6.00	0.0000	0.0000	0.0000	0.2515	-0.0091	0.0924
8.00	0.0000	0.0000	0.0000	0.3300	-0.0125	0.1235
10.00	0.0000	0.0000	0.0000	0.4212	-0.0147	0.1542
12.00	0.0000	0.0000	0.0000	0.5033	-0.0176	0.1825
14.00	0.0000	0.0000	0.0000	0.5837	-0.0200	0.2093
16.00	0.0000	0.0000	0.0000	0.6676	-0.0221	0.2352
18.00	0.0000	0.0000	0.0000	0.7417	-0.0252	0.2586
20.00	0.0000	0.0000	0.0000	0.8201	-0.0274	0.2804
22.00	0.0000	0.0000	0.0000	0.8975	-0.0296	0.2993
24.00	0.0000	0.0000	0.0000	0.9515	-0.0322	0.3140
26.00	0.0000	0.0000	0.0000	1.0118	-0.0385	0.3324
28.00	0.0000	0.0000	0.0000	1.0606	-0.0459	0.3484
30.00	0.0000	0.0000	0.0000	1.1016	-0.0535	0.3648
35.00	0.0000	0.0000	0.0000	1.2487	-0.0773	0.4149
40.00	0.0000	0.0000	0.0000	1.3405	-0.0942	0.4515
45.00	0.0000	0.0000	0.0000	1.3907	-0.1095	0.4807
50.00	0.0000	0.0000	0.0000	1.4351	-0.1252	0.5058
55.00	0.0000	0.0000	0.0000	1.4619	-0.1393	0.5259
60.00	0.0000	0.0000	0.0000	1.4795	-0.1536	0.5415
65.00	0.0000	0.0000	0.0000	1.4883	-0.1677	0.5535
70.00	0.0000	0.0000	0.0000	1.4850	-0.1821	0.5601
75.00	0.0000	0.0000	0.0000	1.4878	-0.1952	0.5646
80.00	0.0000	0.0000	0.0000	1.4946	-0.2041	0.5683
85.00	0.0000	0.0000	0.0000	1.5109	-0.2127	0.5727
90.00	0.0000	0.0000	0.0000	1.5228	-0.2202	0.5760
95.00	0.0000	0.0000	0.0000	1.5353	-0.2274	0.5796

Table 5. Continued

(b) Continued

TEST 1802 RUN 124 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2018	0.0037	-0.0624
-4.00	0.0000	0.0000	0.0000	-0.1677	0.0025	-0.0492
-3.00	0.0000	0.0000	0.0000	-0.1326	0.0015	-0.0353
-2.00	0.0000	0.0000	0.0000	-0.1000	0.0003	-0.0223
-1.00	0.0000	0.0000	0.0000	-0.0583	-0.0005	-0.0072
0.00	0.0000	0.0000	0.0000	-0.0186	-0.0007	0.0067
1.00	0.0000	0.0000	0.0000	0.0161	-0.0006	0.0206
2.00	0.0000	0.0000	0.0000	0.0493	-0.0019	0.0353
3.00	0.0000	0.0000	0.0000	0.0741	-0.0034	0.0481
4.00	0.0000	0.0000	0.0000	0.1084	-0.0048	0.0614
5.00	0.0000	0.0000	0.0000	0.1283	-0.0065	0.0738
6.00	0.0000	0.0000	0.0000	0.1629	-0.0077	0.0871
8.00	0.0000	0.0000	0.0000	0.2241	-0.0101	0.1108
10.00	0.0000	0.0000	0.0000	0.2953	-0.0123	0.1346
12.00	0.0000	0.0000	0.0000	0.3733	-0.0139	0.1586
14.00	0.0000	0.0000	0.0000	0.4461	-0.0155	0.1803
16.00	0.0000	0.0000	0.0000	0.5160	-0.0174	0.2015
18.00	0.0000	0.0000	0.0000	0.5801	-0.0204	0.2217
20.00	0.0000	0.0000	0.0000	0.6509	-0.0242	0.2450
22.00	0.0000	0.0000	0.0000	0.7155	-0.0271	0.2645
24.00	0.0000	0.0000	0.0000	0.7694	-0.0294	0.2822
26.00	0.0000	0.0000	0.0000	0.8195	-0.0321	0.2993
28.00	0.0000	0.0000	0.0000	0.8591	-0.0352	0.3135
30.00	0.0000	0.0000	0.0000	0.8995	-0.0407	0.3289
35.00	0.0000	0.0000	0.0000	1.0196	-0.0573	0.3720
40.00	0.0000	0.0000	0.0000	1.1413	-0.0785	0.4178
45.00	0.0000	0.0000	0.0000	1.2598	-0.1054	0.4661
50.00	0.0000	0.0000	0.0000	1.3469	-0.1319	0.5124
55.00	0.0000	0.0000	0.0000	1.4061	-0.1557	0.5499
60.00	0.0000	0.0000	0.0000	1.4386	-0.1731	0.5734
65.00	0.0000	0.0000	0.0000	1.4277	-0.1876	0.5810
70.00	0.0000	0.0000	0.0000	1.3985	-0.2027	0.5809
75.00	0.0000	0.0000	0.0000	1.3822	-0.2158	0.5818
80.00	0.0000	0.0000	0.0000	1.3747	-0.2253	0.5833
85.00	0.0000	0.0000	0.0000	1.3781	-0.2326	0.5852
90.00	0.0000	0.0000	0.0000	1.3864	-0.2392	0.5868
95.00	0.0000	0.0000	0.0000	1.4031	-0.2474	0.5894

Table 5. Continued

(b) Continued

TEST 1629 RUN 169 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1719	-0.0004	-0.0630
-4.00	0.0000	0.0000	0.0000	-0.1342	-0.0015	-0.0503
-3.00	0.0000	0.0000	0.0000	-0.1139	-0.0026	-0.0397
-2.00	0.0000	0.0000	0.0000	-0.0703	-0.0027	-0.0266
-1.00	0.0000	0.0000	0.0000	-0.0389	-0.0014	-0.0145
0.00	0.0000	0.0000	0.0000	-0.0043	0.0002	-0.0021
1.00	0.0000	0.0000	0.0000	0.0299	0.0003	0.0101
2.00	0.0000	0.0000	0.0000	0.0585	-0.0008	0.0218
3.00	0.0000	0.0000	0.0000	0.0777	-0.0015	0.0327
4.00	0.0000	0.0000	0.0000	0.1033	-0.0022	0.0443
5.00	0.0000	0.0000	0.0000	0.1324	-0.0036	0.0557
6.00	0.0000	0.0000	0.0000	0.1570	-0.0049	0.0666
8.00	0.0000	0.0000	0.0000	0.2190	-0.0071	0.0891
10.00	0.0000	0.0000	0.0000	0.2793	-0.0093	0.1114
12.00	0.0000	0.0000	0.0000	0.3377	-0.0109	0.1310
14.00	0.0000	0.0000	0.0000	0.3998	-0.0124	0.1510
16.00	0.0000	0.0000	0.0000	0.4691	-0.0140	0.1714
18.00	0.0000	0.0000	0.0000	0.5258	-0.0162	0.1891
20.00	0.0000	0.0000	0.0000	0.5861	-0.0181	0.2071
22.00	0.0000	0.0000	0.0000	0.6448	-0.0215	0.2253
24.00	0.0000	0.0000	0.0000	0.7042	-0.0251	0.2444
26.00	0.0000	0.0000	0.0000	0.7573	-0.0286	0.2621
28.00	0.0000	0.0000	0.0000	0.8041	-0.0312	0.2793
30.00	0.0000	0.0000	0.0000	0.8504	-0.0351	0.2961
35.00	0.0000	0.0000	0.0000	0.9797	-0.0494	0.3398
40.00	0.0000	0.0000	0.0000	1.1079	-0.0673	0.3859
45.00	0.0000	0.0000	0.0000	1.2145	-0.0886	0.4330
50.00	0.0000	0.0000	0.0000	1.3163	-0.1209	0.4846
55.00	0.0000	0.0000	0.0000	1.3769	-0.1504	0.5299
60.00	0.0000	0.0000	0.0000	1.4059	-0.1757	0.5620
65.00	0.0000	0.0000	0.0000	1.3874	-0.1952	0.5741
70.00	0.0000	0.0000	0.0000	1.3656	-0.2088	0.5761
75.00	0.0000	0.0000	0.0000	1.3281	-0.2211	0.5718
80.00	0.0000	0.0000	0.0000	1.3159	-0.2315	0.5707
85.00	0.0000	0.0000	0.0000	1.2999	-0.2394	0.5685
90.00	0.0000	0.0000	0.0000	1.3043	-0.2481	0.5693
95.00	0.0000	0.0000	0.0000	1.3311	-0.2580	0.5747

Table 5. Continued

(b) Continued

TEST 1629 RUN 170 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0945	0.0021	-0.0425
-4.00	0.0000	0.0000	0.0000	-0.0778	0.0019	-0.0345
-3.00	0.0000	0.0000	0.0000	-0.0607	0.0017	-0.0260
-2.00	0.0000	0.0000	0.0000	-0.0413	0.0003	-0.0173
-1.00	0.0000	0.0000	0.0000	-0.0248	-0.0002	-0.0091
0.00	0.0000	0.0000	0.0000	0.0002	0.0002	0.0001
1.00	0.0000	0.0000	0.0000	0.0297	0.0014	0.0095
2.00	0.0000	0.0000	0.0000	0.0545	0.0008	0.0184
3.00	0.0000	0.0000	0.0000	0.0856	0.0014	0.0283
4.00	0.0000	0.0000	0.0000	0.1037	0.0010	0.0368
5.00	0.0000	0.0000	0.0000	0.1293	0.0010	0.0464
6.00	0.0000	0.0000	0.0000	0.1570	0.0006	0.0564
8.00	0.0000	0.0000	0.0000	0.2117	-0.0010	0.0760
10.00	0.0000	0.0000	0.0000	0.2670	-0.0026	0.0966
12.00	0.0000	0.0000	0.0000	0.3222	-0.0032	0.1165
14.00	0.0000	0.0000	0.0000	0.3790	-0.0052	0.1357
16.00	0.0000	0.0000	0.0000	0.4286	-0.0062	0.1540
18.00	0.0000	0.0000	0.0000	0.4734	-0.0089	0.1711
20.00	0.0000	0.0000	0.0000	0.5342	-0.0105	0.1892
22.00	0.0000	0.0000	0.0000	0.5905	-0.0123	0.2065
24.00	0.0000	0.0000	0.0000	0.6458	-0.0148	0.2237
26.00	0.0000	0.0000	0.0000	0.7050	-0.0178	0.2407
28.00	0.0000	0.0000	0.0000	0.7587	-0.0220	0.2574
30.00	0.0000	0.0000	0.0000	0.7986	-0.0268	0.2739
35.00	0.0000	0.0000	0.0000	0.9188	-0.0374	0.3197
40.00	0.0000	0.0000	0.0000	1.0443	-0.0491	0.3647
45.00	0.0000	0.0000	0.0000	1.1733	-0.0689	0.4133
50.00	0.0000	0.0000	0.0000	1.2844	-0.0949	0.4666
55.00	0.0000	0.0000	0.0000	1.3792	-0.1297	0.5221
60.00	0.0000	0.0000	0.0000	1.4099	-0.1680	0.5705
65.00	0.0000	0.0000	0.0000	1.4136	-0.2011	0.6045
70.00	0.0000	0.0000	0.0000	1.3589	-0.2260	0.6151
75.00	0.0000	0.0000	0.0000	1.2949	-0.2449	0.6103
80.00	0.0000	0.0000	0.0000	1.2606	-0.2572	0.6073
85.00	0.0000	0.0000	0.0000	1.2426	-0.2651	0.6043
90.00	0.0000	0.0000	0.0000	1.2391	-0.2736	0.6048
95.00	0.0000	0.0000	0.0000	1.2679	-0.2810	0.6092

Table 5. Continued

(b) Concluded

TEST 1629 RUN 171 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0848	-0.0032	-0.0349
-4.00	0.0000	0.0000	0.0000	-0.0731	-0.0016	-0.0297
-3.00	0.0000	0.0000	0.0000	-0.0520	-0.0010	-0.0227
-2.00	0.0000	0.0000	0.0000	-0.0296	-0.0016	-0.0154
-1.00	0.0000	0.0000	0.0000	-0.0116	-0.0009	-0.0086
0.00	0.0000	0.0000	0.0000	0.0068	-0.0003	-0.0020
1.00	0.0000	0.0000	0.0000	0.0322	0.0004	0.0051
2.00	0.0000	0.0000	0.0000	0.0664	0.0005	0.0138
3.00	0.0000	0.0000	0.0000	0.0827	0.0011	0.0205
4.00	0.0000	0.0000	0.0000	0.1047	0.0011	0.0277
5.00	0.0000	0.0000	0.0000	0.1311	0.0018	0.0357
6.00	0.0000	0.0000	0.0000	0.1565	0.0034	0.0434
8.00	0.0000	0.0000	0.0000	0.1966	0.0042	0.0585
10.00	0.0000	0.0000	0.0000	0.2426	0.0024	0.0743
12.00	0.0000	0.0000	0.0000	0.2897	0.0010	0.0915
14.00	0.0000	0.0000	0.0000	0.3471	0.0002	0.1106
16.00	0.0000	0.0000	0.0000	0.3937	-0.0012	0.1290
18.00	0.0000	0.0000	0.0000	0.4499	-0.0026	0.1479
20.00	0.0000	0.0000	0.0000	0.4949	-0.0040	0.1649
22.00	0.0000	0.0000	0.0000	0.5430	-0.0060	0.1819
24.00	0.0000	0.0000	0.0000	0.5855	-0.0076	0.1979
26.00	0.0000	0.0000	0.0000	0.6287	-0.0102	0.2141
28.00	0.0000	0.0000	0.0000	0.6600	-0.0137	0.2283
30.00	0.0000	0.0000	0.0000	0.7053	-0.0172	0.2445
35.00	0.0000	0.0000	0.0000	0.8180	-0.0312	0.2874
40.00	0.0000	0.0000	0.0000	0.9204	-0.0486	0.3357
45.00	0.0000	0.0000	0.0000	1.0407	-0.0705	0.3890
50.00	0.0000	0.0000	0.0000	1.1461	-0.1013	0.4460
55.00	0.0000	0.0000	0.0000	1.2307	-0.1428	0.5049
60.00	0.0000	0.0000	0.0000	1.3015	-0.1769	0.5586
65.00	0.0000	0.0000	0.0000	1.2613	-0.2103	0.5881
70.00	0.0000	0.0000	0.0000	1.1847	-0.2351	0.6011
75.00	0.0000	0.0000	0.0000	1.0869	-0.2546	0.5982
80.00	0.0000	0.0000	0.0000	1.0215	-0.2687	0.5962
85.00	0.0000	0.0000	0.0000	0.9747	-0.2787	0.5937
90.00	0.0000	0.0000	0.0000	0.9518	-0.2874	0.5901
95.00	0.0000	0.0000	0.0000	0.9341	-0.2911	0.5870

Table 5. Continued

(c) Fin 3

TEST 1058 RUN 34 M = 0.59 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2819	-0.0319	-0.1129
-4.00	0.0000	0.0000	0.0000	-0.2283	-0.0214	-0.0965
-3.01	0.0000	0.0000	0.0000	-0.1716	-0.0136	-0.0744
-1.99	0.0000	0.0000	0.0000	-0.1145	-0.0077	-0.0500
-1.00	0.0000	0.0000	0.0000	-0.0532	-0.0032	-0.0247
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0489	0.0056	0.0204
2.01	0.0000	0.0000	0.0000	0.0972	0.0101	0.0420
3.01	0.0000	0.0000	0.0000	0.1521	0.0152	0.0651
4.00	0.0000	0.0000	0.0000	0.2108	0.0208	0.0883
5.00	0.0000	0.0000	0.0000	0.2719	0.0277	0.1092
6.00	0.0000	0.0000	0.0000	0.3320	0.0385	0.1256
8.01	0.0000	0.0000	0.0000	0.4069	0.0596	0.1397
10.00	0.0000	0.0000	0.0000	0.4929	0.0716	0.1600
11.99	0.0000	0.0000	0.0000	0.5756	0.0862	0.1780
13.99	0.0000	0.0000	0.0000	0.6303	0.0892	0.1881
16.02	0.0000	0.0000	0.0000	0.6830	0.0850	0.1991
18.01	0.0000	0.0000	0.0000	0.7197	0.0762	0.2080
20.00	0.0000	0.0000	0.0000	0.7524	0.0657	0.2167
21.99	0.0000	0.0000	0.0000	0.7810	0.0593	0.2261
23.99	0.0000	0.0000	0.0000	0.8080	0.0528	0.2365
26.02	0.0000	0.0000	0.0000	0.8296	0.0486	0.2452
28.01	0.0000	0.0000	0.0000	0.8492	0.0435	0.2533
30.00	0.0000	0.0000	0.0000	0.8669	0.0384	0.2603
35.00	0.0000	0.0000	0.0000	0.9098	0.0238	0.2782
40.00	0.0000	0.0000	0.0000	0.9717	0.0105	0.3024
45.00	0.0000	0.0000	0.0000	1.0416	0.0006	0.3272
50.00	0.0000	0.0000	0.0000	1.0833	-0.0103	0.3420
55.00	0.0000	0.0000	0.0000	1.1139	-0.0227	0.3524
55.00	0.0000	0.0000	0.0000	1.1458	-0.0360	0.3637
60.00	0.0000	0.0000	0.0000	1.1443	-0.0359	0.3640
65.00	0.0000	0.0000	0.0000	1.1680	-0.0498	0.3731
70.00	0.0000	0.0000	0.0000	1.1931	-0.0633	0.3823
75.00	0.0000	0.0000	0.0000	1.2151	-0.0779	0.3905
80.00	0.0000	0.0000	0.0000	1.2279	-0.0919	0.3964
85.00	0.0000	0.0000	0.0000	1.2421	-0.1065	0.4018
90.00	0.0000	0.0000	0.0000	1.2533	-0.1195	0.4050

Table 5. Continued

(c) Continued

TEST 1058 RUN 33 M = 0.89 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2506	-0.0471	-0.1065
-4.00	0.0000	0.0000	0.0000	-0.1941	-0.0353	-0.0873
-3.01	0.0000	0.0000	0.0000	-0.1347	-0.0239	-0.0653
-1.99	0.0000	0.0000	0.0000	-0.0828	-0.0148	-0.0434
-1.00	0.0000	0.0000	0.0000	-0.0532	-0.0054	-0.0248
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0209	0.0150	0.0104
2.01	0.0000	0.0000	0.0000	0.0724	0.0217	0.0354
3.01	0.0000	0.0000	0.0000	0.1191	0.0291	0.0562
4.00	0.0000	0.0000	0.0000	0.1798	0.0367	0.0791
5.00	0.0000	0.0000	0.0000	0.2437	0.0474	0.0998
6.00	0.0000	0.0000	0.0000	0.3095	0.0578	0.1219
8.01	0.0000	0.0000	0.0000	0.4389	0.0753	0.1614
10.02	0.0000	0.0000	0.0000	0.4982	0.0939	0.1563
12.01	0.0000	0.0000	0.0000	0.5835	0.0945	0.1744
14.00	0.0000	0.0000	0.0000	0.6865	0.0787	0.2041
16.00	0.0000	0.0000	0.0000	0.7660	0.0582	0.2278
17.99	0.0000	0.0000	0.0000	0.8208	0.0432	0.2478
20.02	0.0000	0.0000	0.0000	0.8619	0.0317	0.2650
22.01	0.0000	0.0000	0.0000	0.9065	0.0246	0.2792
24.00	0.0000	0.0000	0.0000	0.9435	0.0201	0.2918
26.00	0.0000	0.0000	0.0000	0.9742	0.0162	0.3021
27.99	0.0000	0.0000	0.0000	0.9999	0.0119	0.3118
30.00	0.0000	0.0000	0.0000	1.0332	0.0083	0.3219
35.00	0.0000	0.0000	0.0000	1.0903	-0.0004	0.3412
40.00	0.0000	0.0000	0.0000	1.1384	-0.0107	0.3573
45.00	0.0000	0.0000	0.0000	1.1791	-0.0219	0.3725
50.00	0.0000	0.0000	0.0000	1.2197	-0.0341	0.3873
55.00	0.0000	0.0000	0.0000	1.2658	-0.0474	0.4027
60.00	0.0000	0.0000	0.0000	1.2909	-0.0593	0.4137
65.00	0.0000	0.0000	0.0000	1.3105	-0.0710	0.4230
70.00	0.0000	0.0000	0.0000	1.3201	-0.0815	0.4281
75.00	0.0000	0.0000	0.0000	1.3310	-0.0928	0.4332
80.00	0.0000	0.0000	0.0000	1.3357	-0.1037	0.4369
85.00	0.0000	0.0000	0.0000	1.3472	-0.1148	0.4400
90.00	0.0000	0.0000	0.0000	1.3483	-0.1253	0.4414

Table 5. Continued

(c) Continued

TEST 1058 RUN 32 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2980	0.0088	-0.1224
-4.00	0.0000	0.0000	0.0000	-0.2303	0.0076	-0.0987
-3.00	0.0000	0.0000	0.0000	-0.1583	0.0050	-0.0719
-2.00	0.0000	0.0000	0.0000	-0.0987	0.0024	-0.0453
-1.00	0.0000	0.0000	0.0000	-0.0497	0.0011	-0.0217
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0515	0.0026	0.0186
2.00	0.0000	0.0000	0.0000	0.1062	0.0030	0.0397
3.00	0.0000	0.0000	0.0000	0.1504	0.0014	0.0622
4.00	0.0000	0.0000	0.0000	0.2160	-0.0014	0.0886
5.00	0.0000	0.0000	0.0000	0.3037	-0.0035	0.1178
6.00	0.0000	0.0000	0.0000	0.3820	-0.0055	0.1447
8.00	0.0000	0.0000	0.0000	0.5249	-0.0062	0.1938
10.00	0.0000	0.0000	0.0000	0.6564	-0.0056	0.2349
12.00	0.0000	0.0000	0.0000	0.7737	-0.0055	0.2710
14.00	0.0000	0.0000	0.0000	0.8799	-0.0072	0.3035
16.00	0.0000	0.0000	0.0000	0.9780	-0.0114	0.3338
18.00	0.0000	0.0000	0.0000	1.0726	-0.0148	0.3602
20.00	0.0000	0.0000	0.0000	1.1543	-0.0193	0.3825
22.00	0.0000	0.0000	0.0000	1.2447	-0.0309	0.4055
24.00	0.0000	0.0000	0.0000	1.3159	-0.0395	0.4255
26.00	0.0000	0.0000	0.0000	1.3505	-0.0411	0.4284
28.00	0.0000	0.0000	0.0000	1.3943	-0.0455	0.4401
30.00	0.0000	0.0000	0.0000	1.4444	-0.0486	0.4531
35.00	0.0000	0.0000	0.0000	1.5604	-0.0594	0.4869
40.00	0.0000	0.0000	0.0000	1.6086	-0.0668	0.5042
45.00	0.0000	0.0000	0.0000	1.6284	-0.0762	0.5137
50.00	0.0000	0.0000	0.0000	1.6531	-0.0890	0.5288
55.00	0.0000	0.0000	0.0000	1.6688	-0.1016	0.5394
60.00	0.0000	0.0000	0.0000	1.6930	-0.1141	0.5510
65.00	0.0000	0.0000	0.0000	1.7141	-0.1261	0.5615
70.00	0.0000	0.0000	0.0000	1.7283	-0.1379	0.5711
75.00	0.0000	0.0000	0.0000	1.7463	-0.1476	0.5792
80.00	0.0000	0.0000	0.0000	1.7514	-0.1563	0.5837
85.00	0.0000	0.0000	0.0000	1.7515	-0.1652	0.5853
90.00	0.0000	0.0000	0.0000	1.7417	-0.1731	0.5845

Table 5. Continued

(c) Continued

TEST 1802 RUN 126 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2396	0.0059	-0.1036
-4.00	0.0000	0.0000	0.0000	-0.1949	0.0044	-0.0856
-3.00	0.0000	0.0000	0.0000	-0.1511	0.0034	-0.0682
-2.00	0.0000	0.0000	0.0000	-0.1140	0.0017	-0.0493
-1.00	0.0000	0.0000	0.0000	-0.0532	0.0007	-0.0284
0.00	0.0000	0.0000	0.0000	-0.0109	0.0006	-0.0112
1.00	0.0000	0.0000	0.0000	0.0348	0.0020	0.0090
2.00	0.0000	0.0000	0.0000	0.0898	0.0017	0.0295
3.00	0.0000	0.0000	0.0000	0.1259	0.0000	0.0493
4.00	0.0000	0.0000	0.0000	0.1788	-0.0016	0.0684
5.00	0.0000	0.0000	0.0000	0.2288	-0.0031	0.0868
6.00	0.0000	0.0000	0.0000	0.2738	-0.0049	0.1049
8.00	0.0000	0.0000	0.0000	0.3673	-0.0080	0.1383
10.00	0.0000	0.0000	0.0000	0.4647	-0.0099	0.1696
12.00	0.0000	0.0000	0.0000	0.5681	-0.0122	0.2013
14.00	0.0000	0.0000	0.0000	0.6554	-0.0155	0.2296
16.00	0.0000	0.0000	0.0000	0.7432	-0.0190	0.2581
18.00	0.0000	0.0000	0.0000	0.8272	-0.0222	0.2842
20.00	0.0000	0.0000	0.0000	0.9173	-0.0262	0.3119
22.00	0.0000	0.0000	0.0000	0.9992	-0.0300	0.3353
24.00	0.0000	0.0000	0.0000	1.0624	-0.0360	0.3573
26.00	0.0000	0.0000	0.0000	1.1355	-0.0425	0.3772
28.00	0.0000	0.0000	0.0000	1.1918	-0.0490	0.3941
30.00	0.0000	0.0000	0.0000	1.2480	-0.0565	0.4118
35.00	0.0000	0.0000	0.0000	1.3848	-0.0786	0.4539
40.00	0.0000	0.0000	0.0000	1.4881	-0.0958	0.4902
45.00	0.0000	0.0000	0.0000	1.5496	-0.1084	0.5166
50.00	0.0000	0.0000	0.0000	1.5907	-0.1222	0.5390
55.00	0.0000	0.0000	0.0000	1.6191	-0.1375	0.5581
60.00	0.0000	0.0000	0.0000	1.6324	-0.1524	0.5712
65.00	0.0000	0.0000	0.0000	1.6344	-0.1665	0.5798
70.00	0.0000	0.0000	0.0000	1.6361	-0.1779	0.5860
75.00	0.0000	0.0000	0.0000	1.6502	-0.1882	0.5924
80.00	0.0000	0.0000	0.0000	1.6607	-0.1967	0.5974
85.00	0.0000	0.0000	0.0000	1.6782	-0.2044	0.6024
90.00	0.0000	0.0000	0.0000	1.6903	-0.2124	0.6073
95.00	0.0000	0.0000	0.0000	1.7038	-0.2202	0.6120

Table 5. Continued

(c) Continued

TEST 1802 RUN 127 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1426	0.0051	-0.0713
-4.00	0.0000	0.0000	0.0000	-0.1034	0.0040	-0.0573
-3.00	0.0000	0.0000	0.0000	-0.0709	0.0028	-0.0436
-2.00	0.0000	0.0000	0.0000	-0.0338	0.0022	-0.0295
-1.00	0.0000	0.0000	0.0000	-0.0066	0.0018	-0.0163
0.00	0.0000	0.0000	0.0000	0.0290	0.0023	-0.0026
1.00	0.0000	0.0000	0.0000	0.0609	0.0031	0.0098
2.00	0.0000	0.0000	0.0000	0.0995	0.0031	0.0239
3.00	0.0000	0.0000	0.0000	0.1360	0.0022	0.0380
4.00	0.0000	0.0000	0.0000	0.1713	0.0010	0.0520
5.00	0.0000	0.0000	0.0000	0.2077	-0.0002	0.0668
6.00	0.0000	0.0000	0.0000	0.2503	-0.0016	0.0824
8.00	0.0000	0.0000	0.0000	0.3325	-0.0047	0.1126
10.00	0.0000	0.0000	0.0000	0.4131	-0.0073	0.1425
12.00	0.0000	0.0000	0.0000	0.4942	-0.0092	0.1692
14.00	0.0000	0.0000	0.0000	0.5725	-0.0109	0.1947
16.00	0.0000	0.0000	0.0000	0.6477	-0.0126	0.2184
18.00	0.0000	0.0000	0.0000	0.7348	-0.0144	0.2408
20.00	0.0000	0.0000	0.0000	0.7994	-0.0176	0.2631
22.00	0.0000	0.0000	0.0000	0.8684	-0.0209	0.2845
24.00	0.0000	0.0000	0.0000	0.9331	-0.0252	0.3055
26.00	0.0000	0.0000	0.0000	0.9988	-0.0304	0.3271
28.00	0.0000	0.0000	0.0000	1.0548	-0.0345	0.3452
30.00	0.0000	0.0000	0.0000	1.1043	-0.0391	0.3621
35.00	0.0000	0.0000	0.0000	1.2349	-0.0568	0.4079
40.00	0.0000	0.0000	0.0000	1.3708	-0.0775	0.4519
45.00	0.0000	0.0000	0.0000	1.4709	-0.0987	0.4891
50.00	0.0000	0.0000	0.0000	1.5583	-0.1181	0.5249
55.00	0.0000	0.0000	0.0000	1.6236	-0.1381	0.5598
60.00	0.0000	0.0000	0.0000	1.6603	-0.1573	0.5874
65.00	0.0000	0.0000	0.0000	1.6653	-0.1773	0.6036
70.00	0.0000	0.0000	0.0000	1.6525	-0.1930	0.6109
75.00	0.0000	0.0000	0.0000	1.6450	-0.2046	0.6138
80.00	0.0000	0.0000	0.0000	1.6461	-0.2145	0.6169
85.00	0.0000	0.0000	0.0000	1.6673	-0.2227	0.6212
90.00	0.0000	0.0000	0.0000	1.6880	-0.2297	0.6256
95.00	0.0000	0.0000	0.0000	1.6940	-0.2375	0.6278

Table 5. Continued

(c) Continued

TEST 1629 RUN 172 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1235	-0.0002	-0.0507
-4.00	0.0000	0.0000	0.0000	-0.0959	-0.0011	-0.0398
-3.00	0.0000	0.0000	0.0000	-0.0705	-0.0017	-0.0281
-2.00	0.0000	0.0000	0.0000	-0.0476	-0.0021	-0.0180
-1.00	0.0000	0.0000	0.0000	-0.0202	-0.0017	-0.0074
0.00	0.0000	0.0000	0.0000	0.0072	-0.0004	0.0030
1.00	0.0000	0.0000	0.0000	0.0315	0.0009	0.0137
2.00	0.0000	0.0000	0.0000	0.0670	0.0004	0.0248
3.00	0.0000	0.0000	0.0000	0.0979	0.0001	0.0364
4.00	0.0000	0.0000	0.0000	0.1330	-0.0005	0.0484
5.00	0.0000	0.0000	0.0000	0.1747	-0.0014	0.0609
6.00	0.0000	0.0000	0.0000	0.2182	-0.0027	0.0740
8.00	0.0000	0.0000	0.0000	0.2858	-0.0047	0.0998
10.00	0.0000	0.0000	0.0000	0.3585	-0.0076	0.1263
12.00	0.0000	0.0000	0.0000	0.4355	-0.0104	0.1533
14.00	0.0000	0.0000	0.0000	0.5082	-0.0124	0.1786
16.00	0.0000	0.0000	0.0000	0.5786	-0.0142	0.2009
18.00	0.0000	0.0000	0.0000	0.6430	-0.0159	0.2216
20.00	0.0000	0.0000	0.0000	0.7114	-0.0181	0.2419
22.00	0.0000	0.0000	0.0000	0.7740	-0.0209	0.2604
24.00	0.0000	0.0000	0.0000	0.8375	-0.0238	0.2790
26.00	0.0000	0.0000	0.0000	0.8993	-0.0288	0.2981
28.00	0.0000	0.0000	0.0000	0.9591	-0.0344	0.3175
30.00	0.0000	0.0000	0.0000	1.0121	-0.0398	0.3356
35.00	0.0000	0.0000	0.0000	1.1465	-0.0542	0.3823
40.00	0.0000	0.0000	0.0000	1.2838	-0.0738	0.4280
45.00	0.0000	0.0000	0.0000	1.3878	-0.0927	0.4665
50.00	0.0000	0.0000	0.0000	1.4811	-0.1137	0.5031
55.00	0.0000	0.0000	0.0000	1.5469	-0.1339	0.5401
60.00	0.0000	0.0000	0.0000	1.5902	-0.1561	0.5719
65.00	0.0000	0.0000	0.0000	1.5991	-0.1785	0.5931
70.00	0.0000	0.0000	0.0000	1.5850	-0.1979	0.6046
75.00	0.0000	0.0000	0.0000	1.5627	-0.2116	0.6081
80.00	0.0000	0.0000	0.0000	1.5578	-0.2238	0.6112
85.00	0.0000	0.0000	0.0000	1.5595	-0.2340	0.6137
90.00	0.0000	0.0000	0.0000	1.5606	-0.2414	0.6162
95.00	0.0000	0.0000	0.0000	1.5705	-0.2484	0.6175

Table 5. Continued

(c) Continued

TEST 1629 RUN 173 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0956	0.0008	-0.0369
-4.00	0.0000	0.0000	0.0000	-0.0781	0.0005	-0.0289
-3.00	0.0000	0.0000	0.0000	-0.0539	0.0004	-0.0202
-2.00	0.0000	0.0000	0.0000	-0.0380	0.0005	-0.0123
-1.00	0.0000	0.0000	0.0000	-0.0189	0.0007	-0.0039
0.00	0.0000	0.0000	0.0000	0.0020	0.0012	0.0043
1.00	0.0000	0.0000	0.0000	0.0284	0.0015	0.0130
2.00	0.0000	0.0000	0.0000	0.0538	0.0014	0.0216
3.00	0.0000	0.0000	0.0000	0.0714	0.0013	0.0299
4.00	0.0000	0.0000	0.0000	0.1022	0.0015	0.0393
5.00	0.0000	0.0000	0.0000	0.1293	0.0013	0.0483
6.00	0.0000	0.0000	0.0000	0.1619	0.0010	0.0581
8.00	0.0000	0.0000	0.0000	0.2227	0.0003	0.0775
10.00	0.0000	0.0000	0.0000	0.2862	-0.0012	0.0985
12.00	0.0000	0.0000	0.0000	0.3455	-0.0029	0.1201
14.00	0.0000	0.0000	0.0000	0.4072	-0.0048	0.1427
16.00	0.0000	0.0000	0.0000	0.4718	-0.0075	0.1668
18.00	0.0000	0.0000	0.0000	0.5423	-0.0102	0.1922
20.00	0.0000	0.0000	0.0000	0.6039	-0.0128	0.2148
22.00	0.0000	0.0000	0.0000	0.6638	-0.0152	0.2357
24.00	0.0000	0.0000	0.0000	0.7196	-0.0173	0.2543
26.00	0.0000	0.0000	0.0000	0.7868	-0.0195	0.2730
28.00	0.0000	0.0000	0.0000	0.8439	-0.0229	0.2906
30.00	0.0000	0.0000	0.0000	0.8985	-0.0273	0.3077
35.00	0.0000	0.0000	0.0000	1.0324	-0.0432	0.3540
40.00	0.0000	0.0000	0.0000	1.1714	-0.0579	0.4020
45.00	0.0000	0.0000	0.0000	1.3047	-0.0787	0.4489
50.00	0.0000	0.0000	0.0000	1.4189	-0.0981	0.4907
55.00	0.0000	0.0000	0.0000	1.5122	-0.1216	0.5304
60.00	0.0000	0.0000	0.0000	1.5660	-0.1490	0.5696
65.00	0.0000	0.0000	0.0000	1.5955	-0.1758	0.6043
70.00	0.0000	0.0000	0.0000	1.5561	-0.2046	0.6235
75.00	0.0000	0.0000	0.0000	1.5284	-0.2266	0.6322
80.00	0.0000	0.0000	0.0000	1.5134	-0.2421	0.6378
85.00	0.0000	0.0000	0.0000	1.5108	-0.2541	0.6424
90.00	0.0000	0.0000	0.0000	1.5073	-0.2614	0.6432
95.00	0.0000	0.0000	0.0000	1.5200	-0.2683	0.6434

Table 5. Continued

(c) Concluded

TEST 1629 RUN 174 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0714	-0.0015	-0.0363
-4.00	0.0000	0.0000	0.0000	-0.0588	-0.0018	-0.0301
-3.00	0.0000	0.0000	0.0000	-0.0457	-0.0012	-0.0239
-2.00	0.0000	0.0000	0.0000	-0.0320	-0.0003	-0.0177
-1.00	0.0000	0.0000	0.0000	-0.0156	-0.0004	-0.0111
0.00	0.0000	0.0000	0.0000	0.0024	0.0005	-0.0046
1.00	0.0000	0.0000	0.0000	0.0266	0.0003	0.0025
2.00	0.0000	0.0000	0.0000	0.0371	0.0006	0.0085
3.00	0.0000	0.0000	0.0000	0.0600	0.0009	0.0156
4.00	0.0000	0.0000	0.0000	0.0764	0.0013	0.0223
5.00	0.0000	0.0000	0.0000	0.0977	0.0014	0.0294
6.00	0.0000	0.0000	0.0000	0.1134	0.0024	0.0362
8.00	0.0000	0.0000	0.0000	0.1609	0.0031	0.0511
10.00	0.0000	0.0000	0.0000	0.2160	0.0021	0.0672
12.00	0.0000	0.0000	0.0000	0.2684	0.0012	0.0839
14.00	0.0000	0.0000	0.0000	0.3281	-0.0002	0.1023
16.00	0.0000	0.0000	0.0000	0.3862	-0.0009	0.1216
18.00	0.0000	0.0000	0.0000	0.4355	-0.0027	0.1416
20.00	0.0000	0.0000	0.0000	0.4965	-0.0052	0.1642
22.00	0.0000	0.0000	0.0000	0.5589	-0.0083	0.1886
24.00	0.0000	0.0000	0.0000	0.6138	-0.0123	0.2122
26.00	0.0000	0.0000	0.0000	0.6668	-0.0156	0.2331
28.00	0.0000	0.0000	0.0000	0.7211	-0.0195	0.2524
30.00	0.0000	0.0000	0.0000	0.7620	-0.0245	0.2695
35.00	0.0000	0.0000	0.0000	0.8974	-0.0361	0.3138
40.00	0.0000	0.0000	0.0000	1.0230	-0.0542	0.3616
45.00	0.0000	0.0000	0.0000	1.1646	-0.0756	0.4149
50.00	0.0000	0.0000	0.0000	1.2772	-0.1017	0.4647
55.00	0.0000	0.0000	0.0000	1.3760	-0.1308	0.5108
60.00	0.0000	0.0000	0.0000	1.4344	-0.1596	0.5547
65.00	0.0000	0.0000	0.0000	1.4310	-0.1894	0.5902
70.00	0.0000	0.0000	0.0000	1.3958	-0.2188	0.6153
75.00	0.0000	0.0000	0.0000	1.3603	-0.2419	0.6287
80.00	0.0000	0.0000	0.0000	1.3320	-0.2582	0.6364
85.00	0.0000	0.0000	0.0000	1.3153	-0.2696	0.6406
90.00	0.0000	0.0000	0.0000	1.2917	-0.2772	0.6394
95.00	0.0000	0.0000	0.0000	1.2725	-0.2815	0.6352

Table 5. Continued

(d) Fin 4

TEST 1058 RUN 77 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1237	-0.0355	-0.0611
-4.00	0.0000	0.0000	0.0000	-0.0952	-0.0284	-0.0478
-3.00	0.0000	0.0000	0.0000	-0.0544	-0.0210	-0.0325
-2.00	0.0000	0.0000	0.0000	-0.0325	-0.0137	-0.0201
-1.00	0.0000	0.0000	0.0000	-0.0093	-0.0064	-0.0085
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0180	0.0064	0.0098
2.00	0.0000	0.0000	0.0000	0.0409	0.0138	0.0204
3.00	0.0000	0.0000	0.0000	0.0659	0.0213	0.0334
4.01	0.0000	0.0000	0.0000	0.0916	0.0291	0.0476
5.00	0.0000	0.0000	0.0000	0.1236	0.0373	0.0634
6.00	0.0000	0.0000	0.0000	0.1480	0.0462	0.0788
8.00	0.0000	0.0000	0.0000	0.2439	0.0636	0.1230
10.00	0.0000	0.0000	0.0000	0.3352	0.0796	0.1669
12.00	0.0000	0.0000	0.0000	0.4284	0.0957	0.2116
14.00	0.0000	0.0000	0.0000	0.5266	0.1092	0.2537
16.00	0.0000	0.0000	0.0000	0.6344	0.1214	0.2970
18.00	0.0000	0.0000	0.0000	0.7342	0.1319	0.3377
20.00	0.0000	0.0000	0.0000	0.8289	0.1394	0.3735
22.00	0.0000	0.0000	0.0000	0.9055	0.1438	0.4042
24.00	0.0000	0.0000	0.0000	0.9826	0.1450	0.4313
26.00	0.0000	0.0000	0.0000	0.9765	0.1307	0.4174
28.00	0.0000	0.0000	0.0000	0.9037	0.1113	0.3798
30.00	0.0000	0.0000	0.0000	0.8369	0.0992	0.3559
35.00	0.0000	0.0000	0.0000	0.8107	0.0906	0.3499
40.00	0.0000	0.0000	0.0000	0.8067	0.0679	0.3589
45.00	0.0000	0.0000	0.0000	0.8722	0.0617	0.3860
50.00	0.0000	0.0000	0.0000	0.9208	0.0536	0.4114
55.00	0.0000	0.0000	0.0000	0.9674	0.0440	0.4347
60.00	0.0000	0.0000	0.0000	1.0114	0.0324	0.4566
65.00	0.0000	0.0000	0.0000	1.0222	0.0202	0.4716
70.00	0.0000	0.0000	0.0000	1.0341	0.0071	0.4845
75.00	0.0000	0.0000	0.0000	1.0487	-0.0074	0.4978
80.00	0.0000	0.0000	0.0000	1.0630	-0.0222	0.5084
85.00	0.0000	0.0000	0.0000	1.0633	-0.0347	0.5126
90.00	0.0000	0.0000	0.0000	1.0650	-0.0466	0.5131
95.00	0.0000	0.0000	0.0000	1.0546	-0.0577	0.5099

Table 5. Continued

(d) Continued

TEST 1058 RUN 76 M = 0.88 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1122	-0.0429	-0.0570
-4.00	0.0000	0.0000	0.0000	-0.0779	-0.0346	-0.0429
-2.99	0.0000	0.0000	0.0000	-0.0509	-0.0258	-0.0294
-2.01	0.0000	0.0000	0.0000	-0.0239	-0.0172	-0.0178
-1.00	0.0000	0.0000	0.0000	-0.0022	-0.0081	-0.0063
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0257	0.0080	0.0101
2.00	0.0000	0.0000	0.0000	0.0413	0.0182	0.0186
3.00	0.0000	0.0000	0.0000	0.0685	0.0273	0.0311
3.99	0.0000	0.0000	0.0000	0.0980	0.0360	0.0456
5.00	0.0000	0.0000	0.0000	0.1327	0.0452	0.0614
6.00	0.0000	0.0000	0.0000	0.1663	0.0559	0.0783
8.00	0.0000	0.0000	0.0000	0.2458	0.0759	0.1201
10.01	0.0000	0.0000	0.0000	0.3506	0.0932	0.1699
12.00	0.0000	0.0000	0.0000	0.4514	0.1056	0.2141
14.00	0.0000	0.0000	0.0000	0.5346	0.1124	0.2415
16.01	0.0000	0.0000	0.0000	0.5750	0.1105	0.2487
18.00	0.0000	0.0000	0.0000	0.6375	0.1065	0.2657
20.00	0.0000	0.0000	0.0000	0.6947	0.1015	0.2819
22.00	0.0000	0.0000	0.0000	0.7408	0.0984	0.2998
24.00	0.0000	0.0000	0.0000	0.7676	0.0918	0.3119
26.00	0.0000	0.0000	0.0000	0.7982	0.0888	0.3243
28.00	0.0000	0.0000	0.0000	0.8203	0.0859	0.3380
30.00	0.0000	0.0000	0.0000	0.8341	0.0820	0.3507
35.00	0.0000	0.0000	0.0000	0.9072	0.0728	0.3851
40.00	0.0000	0.0000	0.0000	0.9009	0.0676	0.3955
45.00	0.0000	0.0000	0.0000	0.9620	0.0571	0.4241
50.00	0.0000	0.0000	0.0000	1.0133	0.0481	0.4522
55.00	0.0000	0.0000	0.0000	1.0736	0.0389	0.4795
60.00	0.0000	0.0000	0.0000	1.1229	0.0281	0.5053
65.00	0.0000	0.0000	0.0000	1.1598	0.0148	0.5277
70.00	0.0000	0.0000	0.0000	1.1650	0.0013	0.5415
75.00	0.0000	0.0000	0.0000	1.1786	-0.0128	0.5564
80.00	0.0000	0.0000	0.0000	1.1952	-0.0269	0.5693
85.00	0.0000	0.0000	0.0000	1.2041	-0.0392	0.5757
90.00	0.0000	0.0000	0.0000	1.2095	-0.0498	0.5789
95.00	0.0000	0.0000	0.0000	1.2129	-0.0596	0.5792

Table 5. Continued

(d) Continued

TEST 1058 RUN 75 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1604	-0.0256	-0.0799
-4.00	0.0000	0.0000	0.0000	-0.1251	-0.0212	-0.0637
-3.00	0.0000	0.0000	0.0000	-0.0886	-0.0157	-0.0465
-2.00	0.0000	0.0000	0.0000	-0.0560	-0.0109	-0.0301
-1.00	0.0000	0.0000	0.0000	-0.0290	-0.0056	-0.0147
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0303	0.0051	0.0158
2.00	0.0000	0.0000	0.0000	0.0671	0.0087	0.0339
3.00	0.0000	0.0000	0.0000	0.1084	0.0138	0.0509
4.00	0.0000	0.0000	0.0000	0.1447	0.0191	0.0675
5.00	0.0000	0.0000	0.0000	0.1854	0.0246	0.0861
6.00	0.0000	0.0000	0.0000	0.2272	0.0300	0.1058
8.00	0.0000	0.0000	0.0000	0.3119	0.0407	0.1459
10.00	0.0000	0.0000	0.0000	0.4033	0.0490	0.1925
12.00	0.0000	0.0000	0.0000	0.4975	0.0551	0.2401
14.00	0.0000	0.0000	0.0000	0.5966	0.0597	0.2876
16.00	0.0000	0.0000	0.0000	0.6892	0.0633	0.3310
18.00	0.0000	0.0000	0.0000	0.7740	0.0664	0.3705
20.00	0.0000	0.0000	0.0000	0.8560	0.0697	0.4068
22.00	0.0000	0.0000	0.0000	0.9142	0.0781	0.4285
24.00	0.0000	0.0000	0.0000	0.9895	0.0787	0.4586
26.00	0.0000	0.0000	0.0000	1.0577	0.0770	0.4803
28.00	0.0000	0.0000	0.0000	1.1299	0.0750	0.5082
30.00	0.0000	0.0000	0.0000	1.2001	0.0710	0.5319
35.00	0.0000	0.0000	0.0000	1.2518	0.0648	0.5468
40.00	0.0000	0.0000	0.0000	1.2597	0.0553	0.5580
45.00	0.0000	0.0000	0.0000	1.3152	0.0464	0.5905
50.00	0.0000	0.0000	0.0000	1.3626	0.0334	0.6191
55.00	0.0000	0.0000	0.0000	1.3655	0.0197	0.6355
60.00	0.0000	0.0000	0.0000	1.3774	0.0056	0.6515
65.00	0.0000	0.0000	0.0000	1.3870	-0.0084	0.6662
70.00	0.0000	0.0000	0.0000	1.3966	-0.0204	0.6782
75.00	0.0000	0.0000	0.0000	1.3949	-0.0304	0.6850
80.00	0.0000	0.0000	0.0000	1.4002	-0.0397	0.6888
85.00	0.0000	0.0000	0.0000	1.4269	-0.0488	0.6945
90.00	0.0000	0.0000	0.0000	1.4225	-0.0583	0.6963
95.00	0.0000	0.0000	0.0000	1.4328	-0.0677	0.6979

Table 5. Continued

(d) Continued

TEST 1802 RUN 134 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1626	-0.0188	-0.0826
-4.00	0.0000	0.0000	0.0000	-0.1354	-0.0162	-0.0695
-3.00	0.0000	0.0000	0.0000	-0.0959	-0.0126	-0.0518
-2.00	0.0000	0.0000	0.0000	-0.0594	-0.0094	-0.0360
-1.00	0.0000	0.0000	0.0000	-0.0239	-0.0062	-0.0197
0.00	0.0000	0.0000	0.0000	0.0087	-0.0032	-0.0054
1.00	0.0000	0.0000	0.0000	0.0363	0.0017	0.0077
2.00	0.0000	0.0000	0.0000	0.0600	0.0053	0.0218
3.00	0.0000	0.0000	0.0000	0.0901	0.0083	0.0367
4.00	0.0000	0.0000	0.0000	0.1256	0.0116	0.0530
5.00	0.0000	0.0000	0.0000	0.1592	0.0147	0.0688
6.00	0.0000	0.0000	0.0000	0.1903	0.0179	0.0851
8.00	0.0000	0.0000	0.0000	0.2628	0.0235	0.1200
10.00	0.0000	0.0000	0.0000	0.3450	0.0284	0.1585
12.00	0.0000	0.0000	0.0000	0.4269	0.0324	0.1966
14.00	0.0000	0.0000	0.0000	0.5054	0.0365	0.2359
16.00	0.0000	0.0000	0.0000	0.5878	0.0404	0.2709
18.00	0.0000	0.0000	0.0000	0.6787	0.0446	0.3075
20.00	0.0000	0.0000	0.0000	0.7651	0.0484	0.3422
22.00	0.0000	0.0000	0.0000	0.8393	0.0507	0.3720
24.00	0.0000	0.0000	0.0000	0.9084	0.0534	0.3989
26.00	0.0000	0.0000	0.0000	0.9717	0.0551	0.4261
28.00	0.0000	0.0000	0.0000	1.0191	0.0555	0.4491
30.00	0.0000	0.0000	0.0000	1.0748	0.0552	0.4745
35.00	0.0000	0.0000	0.0000	1.2004	0.0530	0.5285
40.00	0.0000	0.0000	0.0000	1.2672	0.0420	0.5610
45.00	0.0000	0.0000	0.0000	1.3360	0.0262	0.6009
50.00	0.0000	0.0000	0.0000	1.4110	0.0131	0.6428
55.00	0.0000	0.0000	0.0000	1.4655	0.0038	0.6779
60.00	0.0000	0.0000	0.0000	1.4786	-0.0074	0.6985
65.00	0.0000	0.0000	0.0000	1.4742	-0.0185	0.7110
70.00	0.0000	0.0000	0.0000	1.4602	-0.0286	0.7161
75.00	0.0000	0.0000	0.0000	1.4457	-0.0402	0.7183
80.00	0.0000	0.0000	0.0000	1.4351	-0.0512	0.7197
85.00	0.0000	0.0000	0.0000	1.4381	-0.0610	0.7219
90.00	0.0000	0.0000	0.0000	1.4505	-0.0703	0.7251
95.00	0.0000	0.0000	0.0000	1.4569	-0.0804	0.7274

Table 5. Continued

(d) Continued

TEST 1802 RUN 135 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1482	-0.0171	-0.0692
-4.00	0.0000	0.0000	0.0000	-0.1225	-0.0146	-0.0565
-3.00	0.0000	0.0000	0.0000	-0.0898	-0.0119	-0.0424
-2.00	0.0000	0.0000	0.0000	-0.0575	-0.0092	-0.0287
-1.00	0.0000	0.0000	0.0000	-0.0212	-0.0057	-0.0139
0.00	0.0000	0.0000	0.0000	0.0019	-0.0020	-0.0030
1.00	0.0000	0.0000	0.0000	0.0342	0.0032	0.0101
2.00	0.0000	0.0000	0.0000	0.0574	0.0068	0.0211
3.00	0.0000	0.0000	0.0000	0.0826	0.0099	0.0329
4.00	0.0000	0.0000	0.0000	0.1173	0.0129	0.0478
5.00	0.0000	0.0000	0.0000	0.1479	0.0154	0.0611
6.00	0.0000	0.0000	0.0000	0.1809	0.0183	0.0756
8.00	0.0000	0.0000	0.0000	0.2386	0.0223	0.1038
10.00	0.0000	0.0000	0.0000	0.2994	0.0255	0.1341
12.00	0.0000	0.0000	0.0000	0.3565	0.0279	0.1640
14.00	0.0000	0.0000	0.0000	0.4254	0.0300	0.1958
16.00	0.0000	0.0000	0.0000	0.4966	0.0325	0.2283
18.00	0.0000	0.0000	0.0000	0.5639	0.0348	0.2583
20.00	0.0000	0.0000	0.0000	0.6314	0.0375	0.2877
22.00	0.0000	0.0000	0.0000	0.6898	0.0403	0.3155
24.00	0.0000	0.0000	0.0000	0.7429	0.0430	0.3415
26.00	0.0000	0.0000	0.0000	0.7886	0.0450	0.3655
28.00	0.0000	0.0000	0.0000	0.8417	0.0467	0.3899
30.00	0.0000	0.0000	0.0000	0.9050	0.0482	0.4161
35.00	0.0000	0.0000	0.0000	1.0348	0.0485	0.4739
40.00	0.0000	0.0000	0.0000	1.1697	0.0416	0.5394
45.00	0.0000	0.0000	0.0000	1.2695	0.0321	0.5983
50.00	0.0000	0.0000	0.0000	1.3450	0.0167	0.6431
55.00	0.0000	0.0000	0.0000	1.3820	0.0012	0.6791
60.00	0.0000	0.0000	0.0000	1.3935	-0.0116	0.7028
65.00	0.0000	0.0000	0.0000	1.3967	-0.0233	0.7161
70.00	0.0000	0.0000	0.0000	1.3625	-0.0349	0.7166
75.00	0.0000	0.0000	0.0000	1.3252	-0.0475	0.7107
80.00	0.0000	0.0000	0.0000	1.3133	-0.0607	0.7093
85.00	0.0000	0.0000	0.0000	1.3157	-0.0701	0.7113
90.00	0.0000	0.0000	0.0000	1.3207	-0.0777	0.7129
95.00	0.0000	0.0000	0.0000	1.3240	-0.0867	0.7131

Table 5. Continued

(d) Continued

TEST 1629 RUN 159 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1298	-0.0142	-0.0636
-4.00	0.0000	0.0000	0.0000	-0.1115	-0.0114	-0.0534
-3.00	0.0000	0.0000	0.0000	-0.0673	-0.0091	-0.0385
-2.00	0.0000	0.0000	0.0000	-0.0324	-0.0064	-0.0259
-1.00	0.0000	0.0000	0.0000	-0.0122	-0.0025	-0.0155
0.00	0.0000	0.0000	0.0000	0.0106	0.0010	-0.0055
1.00	0.0000	0.0000	0.0000	0.0311	0.0044	0.0055
2.00	0.0000	0.0000	0.0000	0.0495	0.0068	0.0158
3.00	0.0000	0.0000	0.0000	0.0931	0.0099	0.0318
4.00	0.0000	0.0000	0.0000	0.1237	0.0123	0.0443
5.00	0.0000	0.0000	0.0000	0.1378	0.0147	0.0551
6.00	0.0000	0.0000	0.0000	0.1652	0.0164	0.0674
8.00	0.0000	0.0000	0.0000	0.2212	0.0198	0.0918
10.00	0.0000	0.0000	0.0000	0.2712	0.0229	0.1187
12.00	0.0000	0.0000	0.0000	0.3244	0.0248	0.1461
14.00	0.0000	0.0000	0.0000	0.3839	0.0271	0.1734
16.00	0.0000	0.0000	0.0000	0.4417	0.0292	0.2007
18.00	0.0000	0.0000	0.0000	0.4870	0.0315	0.2257
20.00	0.0000	0.0000	0.0000	0.5344	0.0334	0.2512
22.00	0.0000	0.0000	0.0000	0.5879	0.0354	0.2778
24.00	0.0000	0.0000	0.0000	0.6401	0.0374	0.3021
26.00	0.0000	0.0000	0.0000	0.7064	0.0396	0.3292
28.00	0.0000	0.0000	0.0000	0.7599	0.0412	0.3528
30.00	0.0000	0.0000	0.0000	0.8153	0.0420	0.3770
35.00	0.0000	0.0000	0.0000	0.9335	0.0433	0.4341
40.00	0.0000	0.0000	0.0000	1.0718	0.0372	0.5015
45.00	0.0000	0.0000	0.0000	1.1885	0.0280	0.5736
50.00	0.0000	0.0000	0.0000	1.2740	0.0138	0.6295
55.00	0.0000	0.0000	0.0000	1.3046	-0.0033	0.6643
60.00	0.0000	0.0000	0.0000	1.3020	-0.0177	0.6823
65.00	0.0000	0.0000	0.0000	1.2689	-0.0291	0.6839
70.00	0.0000	0.0000	0.0000	1.2202	-0.0441	0.6758
75.00	0.0000	0.0000	0.0000	1.2001	-0.0565	0.6708
80.00	0.0000	0.0000	0.0000	1.1892	-0.0652	0.6683
85.00	0.0000	0.0000	0.0000	1.1676	-0.0738	0.6621
90.00	0.0000	0.0000	0.0000	1.1656	-0.0817	0.6608
94.80	0.0000	0.0000	0.0000	1.1812	-0.0907	0.6622

Table 5. Continued

(d) Continued

TEST 1629 RUN 160 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1316	-0.0111	-0.0521
-4.00	0.0000	0.0000	0.0000	-0.1046	-0.0094	-0.0422
-3.00	0.0000	0.0000	0.0000	-0.0827	-0.0072	-0.0321
-2.00	0.0000	0.0000	0.0000	-0.0463	-0.0047	-0.0193
-1.00	0.0000	0.0000	0.0000	-0.0214	-0.0022	-0.0100
0.00	0.0000	0.0000	0.0000	-0.0021	0.0008	-0.0012
1.00	0.0000	0.0000	0.0000	0.0185	0.0037	0.0094
2.00	0.0000	0.0000	0.0000	0.0427	0.0066	0.0201
3.00	0.0000	0.0000	0.0000	0.0465	0.0089	0.0274
4.00	0.0000	0.0000	0.0000	0.0690	0.0115	0.0381
5.00	0.0000	0.0000	0.0000	0.0932	0.0137	0.0489
6.00	0.0000	0.0000	0.0000	0.1118	0.0164	0.0592
8.00	0.0000	0.0000	0.0000	0.1657	0.0201	0.0812
10.00	0.0000	0.0000	0.0000	0.2032	0.0227	0.1028
12.00	0.0000	0.0000	0.0000	0.2464	0.0251	0.1249
14.00	0.0000	0.0000	0.0000	0.2958	0.0277	0.1482
16.00	0.0000	0.0000	0.0000	0.3428	0.0300	0.1709
18.00	0.0000	0.0000	0.0000	0.3963	0.0321	0.1952
20.00	0.0000	0.0000	0.0000	0.4447	0.0341	0.2193
22.00	0.0000	0.0000	0.0000	0.4944	0.0356	0.2434
24.00	0.0000	0.0000	0.0000	0.5425	0.0369	0.2678
26.00	0.0000	0.0000	0.0000	0.5756	0.0380	0.2907
28.00	0.0000	0.0000	0.0000	0.6309	0.0395	0.3173
30.00	0.0000	0.0000	0.0000	0.6929	0.0417	0.3438
35.00	0.0000	0.0000	0.0000	0.8328	0.0432	0.4084
40.00	0.0000	0.0000	0.0000	0.9541	0.0392	0.4709
45.00	0.0000	0.0000	0.0000	1.0814	0.0304	0.5451
50.00	0.0000	0.0000	0.0000	1.1865	0.0152	0.6333
55.00	0.0000	0.0000	0.0000	1.2627	-0.0031	0.7081
60.00	0.0000	0.0000	0.0000	1.2489	-0.0218	0.7301
65.00	0.0000	0.0000	0.0000	1.2228	-0.0362	0.7322
70.00	0.0000	0.0000	0.0000	1.1585	-0.0490	0.7132
75.00	0.0000	0.0000	0.0000	1.0992	-0.0639	0.6907
80.00	0.0000	0.0000	0.0000	1.0836	-0.0773	0.6835
85.00	0.0000	0.0000	0.0000	1.0726	-0.0845	0.6777
90.00	0.0000	0.0000	0.0000	1.0627	-0.0914	0.6726
94.80	0.0000	0.0000	0.0000	1.0747	-0.1011	0.6737

Table 5. Continued

(d) Concluded

TEST 1629 RUN 161 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0866	-0.0091	-0.0312
-4.00	0.0000	0.0000	0.0000	-0.0745	-0.0075	-0.0244
-3.00	0.0000	0.0000	0.0000	-0.0490	-0.0056	-0.0152
-2.00	0.0000	0.0000	0.0000	-0.0288	-0.0031	-0.0071
-1.00	0.0000	0.0000	0.0000	-0.0171	-0.0008	-0.0011
0.00	0.0000	0.0000	0.0000	-0.0021	0.0012	0.0065
1.00	0.0000	0.0000	0.0000	0.0291	0.0035	0.0170
2.00	0.0000	0.0000	0.0000	0.0338	0.0047	0.0232
3.00	0.0000	0.0000	0.0000	0.0441	0.0068	0.0305
4.00	0.0000	0.0000	0.0000	0.0594	0.0090	0.0384
5.00	0.0000	0.0000	0.0000	0.0694	0.0108	0.0454
6.00	0.0000	0.0000	0.0000	0.0879	0.0125	0.0546
8.00	0.0000	0.0000	0.0000	0.1298	0.0162	0.0732
10.00	0.0000	0.0000	0.0000	0.1489	0.0200	0.0892
12.00	0.0000	0.0000	0.0000	0.2024	0.0238	0.1109
14.00	0.0000	0.0000	0.0000	0.2508	0.0272	0.1321
16.00	0.0000	0.0000	0.0000	0.2943	0.0304	0.1531
18.00	0.0000	0.0000	0.0000	0.3376	0.0329	0.1738
20.00	0.0000	0.0000	0.0000	0.3947	0.0354	0.1976
22.00	0.0000	0.0000	0.0000	0.4466	0.0376	0.2208
24.00	0.0000	0.0000	0.0000	0.5012	0.0390	0.2446
26.00	0.0000	0.0000	0.0000	0.5513	0.0407	0.2685
28.00	0.0000	0.0000	0.0000	0.5859	0.0417	0.2904
30.00	0.0000	0.0000	0.0000	0.6317	0.0419	0.3152
35.00	0.0000	0.0000	0.0000	0.7483	0.0410	0.3796
40.00	0.0000	0.0000	0.0000	0.8925	0.0415	0.4472
45.00	0.0000	0.0000	0.0000	1.0226	0.0356	0.5156
50.00	0.0000	0.0000	0.0000	1.1183	0.0234	0.6083
55.00	0.0000	0.0000	0.0000	1.2154	-0.0045	0.7186
60.00	0.0000	0.0000	0.0000	1.1885	-0.0317	0.7502
65.00	0.0000	0.0000	0.0000	1.0976	-0.0490	0.7210
70.00	0.0000	0.0000	0.0000	1.0513	-0.0603	0.7040
75.00	0.0000	0.0000	0.0000	1.0072	-0.0652	0.6858
80.00	0.0000	0.0000	0.0000	0.9976	-0.0667	0.6729
85.00	0.0000	0.0000	0.0000	0.9640	-0.0683	0.6559
90.00	0.0000	0.0000	0.0000	0.9475	-0.0719	0.6434
94.80	0.0000	0.0000	0.0000	0.9588	-0.0833	0.6482

Table 5. Continued

(e) Fin 5

TEST 1058 RUN 31 M = 0.59 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2064	-0.0599	-0.0986
-4.00	0.0000	0.0000	0.0000	-0.1589	-0.0481	-0.0783
-3.00	0.0000	0.0000	0.0000	-0.1136	-0.0350	-0.0566
-2.00	0.0000	0.0000	0.0000	-0.0770	-0.0231	-0.0370
-1.00	0.0000	0.0000	0.0000	-0.0419	-0.0113	-0.0199
0.01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0350	0.0118	0.0168
2.00	0.0000	0.0000	0.0000	0.0706	0.0231	0.0356
3.01	0.0000	0.0000	0.0000	0.1137	0.0353	0.0561
4.00	0.0000	0.0000	0.0000	0.1618	0.0476	0.0774
5.00	0.0000	0.0000	0.0000	0.2115	0.0614	0.0982
6.00	0.0000	0.0000	0.0000	0.2657	0.0757	0.1204
8.00	0.0000	0.0000	0.0000	0.3661	0.0974	0.1604
10.01	0.0000	0.0000	0.0000	0.4724	0.1075	0.2039
12.00	0.0000	0.0000	0.0000	0.5582	0.1118	0.2357
14.00	0.0000	0.0000	0.0000	0.6135	0.1140	0.2510
16.00	0.0000	0.0000	0.0000	0.6571	0.1124	0.2629
18.00	0.0000	0.0000	0.0000	0.6563	0.0997	0.2568
20.00	0.0000	0.0000	0.0000	0.6558	0.0908	0.2576
22.01	0.0000	0.0000	0.0000	0.6679	0.0887	0.2648
24.00	0.0000	0.0000	0.0000	0.6942	0.0886	0.2773
26.00	0.0000	0.0000	0.0000	0.7211	0.0889	0.2911
28.00	0.0000	0.0000	0.0000	0.7488	0.0885	0.3037
30.00	0.0000	0.0000	0.0000	0.7778	0.0879	0.3174
35.00	0.0000	0.0000	0.0000	0.8561	0.0850	0.3547
40.00	0.0000	0.0000	0.0000	0.9126	0.0815	0.3830
45.00	0.0000	0.0000	0.0000	0.9679	0.0751	0.4066
50.00	0.0000	0.0000	0.0000	1.0126	0.0669	0.4273
54.99	0.0000	0.0000	0.0000	1.0551	0.0572	0.4476
59.99	0.0000	0.0000	0.0000	1.0855	0.0459	0.4624
65.00	0.0000	0.0000	0.0000	1.1147	0.0345	0.4783
70.00	0.0000	0.0000	0.0000	1.1485	0.0223	0.4954
74.99	0.0000	0.0000	0.0000	1.1720	0.0099	0.5082
79.99	0.0000	0.0000	0.0000	1.1897	-0.0024	0.5166
85.00	0.0000	0.0000	0.0000	1.1980	-0.0153	0.5215
90.00	0.0000	0.0000	0.0000	1.2009	-0.0275	0.5240
95.00	0.0000	0.0000	0.0000	1.1960	-0.0388	0.5232

Table 5. Continued

(e) Continued

TEST 1058 RUN 30 M = 0.89 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1783	-0.0798	-0.0827
-4.00	0.0000	0.0000	0.0000	-0.1225	-0.0656	-0.0590
-3.00	0.0000	0.0000	0.0000	-0.0867	-0.0478	-0.0441
-2.00	0.0000	0.0000	0.0000	-0.0654	-0.0289	-0.0358
-1.00	0.0000	0.0000	0.0000	-0.0276	-0.0141	-0.0136
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0558	0.0118	0.0295
2.01	0.0000	0.0000	0.0000	0.0633	0.0330	0.0298
3.00	0.0000	0.0000	0.0000	0.1019	0.0480	0.0487
4.00	0.0000	0.0000	0.0000	0.1605	0.0631	0.0718
5.00	0.0000	0.0000	0.0000	0.2180	0.0817	0.0969
6.00	0.0000	0.0000	0.0000	0.2882	0.0986	0.1277
8.00	0.0000	0.0000	0.0000	0.4276	0.1317	0.1891
10.00	0.0000	0.0000	0.0000	0.5457	0.1531	0.2346
12.00	0.0000	0.0000	0.0000	0.5041	0.1199	0.1935
14.00	0.0000	0.0000	0.0000	0.5373	0.1153	0.2040
16.01	0.0000	0.0000	0.0000	0.5965	0.1040	0.2285
18.00	0.0000	0.0000	0.0000	0.6633	0.0928	0.2589
20.01	0.0000	0.0000	0.0000	0.7301	0.0889	0.2884
22.00	0.0000	0.0000	0.0000	0.7837	0.0858	0.3127
24.00	0.0000	0.0000	0.0000	0.8296	0.0834	0.3346
26.00	0.0000	0.0000	0.0000	0.8691	0.0815	0.3514
28.01	0.0000	0.0000	0.0000	0.9035	0.0808	0.3684
30.00	0.0000	0.0000	0.0000	0.9317	0.0799	0.3826
35.00	0.0000	0.0000	0.0000	0.9982	0.0756	0.4142
40.00	0.0000	0.0000	0.0000	1.0778	0.0691	0.4501
45.00	0.0000	0.0000	0.0000	1.1610	0.0610	0.4861
50.01	0.0000	0.0000	0.0000	1.1834	0.0546	0.4999
55.00	0.0000	0.0000	0.0000	1.2045	0.0463	0.5142
60.00	0.0000	0.0000	0.0000	1.2256	0.0371	0.5270
65.00	0.0000	0.0000	0.0000	1.2472	0.0271	0.5404
70.01	0.0000	0.0000	0.0000	1.2658	0.0164	0.5521
75.00	0.0000	0.0000	0.0000	1.2707	0.0058	0.5590
80.00	0.0000	0.0000	0.0000	1.2875	-0.0054	0.5677
85.00	0.0000	0.0000	0.0000	1.2930	-0.0165	0.5718
90.00	0.0000	0.0000	0.0000	1.2986	-0.0275	0.5753
95.00	0.0000	0.0000	0.0000	1.2961	-0.0370	0.5749

Table 5. Continued

(e) Continued

TEST 1058 RUN 29 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2456	-0.0331	-0.1154
-4.00	0.0000	0.0000	0.0000	-0.1828	-0.0270	-0.0894
-3.00	0.0000	0.0000	0.0000	-0.1363	-0.0202	-0.0648
-2.00	0.0000	0.0000	0.0000	-0.0912	-0.0138	-0.0417
-1.00	0.0000	0.0000	0.0000	-0.0415	-0.0081	-0.0174
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0432	0.0083	0.0202
2.00	0.0000	0.0000	0.0000	0.0943	0.0131	0.0473
3.00	0.0000	0.0000	0.0000	0.1383	0.0206	0.0698
4.00	0.0000	0.0000	0.0000	0.2066	0.0288	0.0982
5.00	0.0000	0.0000	0.0000	0.2746	0.0364	0.1280
6.00	0.0000	0.0000	0.0000	0.3492	0.0429	0.1582
8.00	0.0000	0.0000	0.0000	0.4835	0.0544	0.2190
10.00	0.0000	0.0000	0.0000	0.6057	0.0646	0.2738
12.00	0.0000	0.0000	0.0000	0.7219	0.0739	0.3225
14.00	0.0000	0.0000	0.0000	0.8237	0.0805	0.3639
16.00	0.0000	0.0000	0.0000	0.9204	0.0856	0.4038
18.00	0.0000	0.0000	0.0000	1.0176	0.0884	0.4428
19.99	0.0000	0.0000	0.0000	1.0992	0.0903	0.4731
22.00	0.0000	0.0000	0.0000	1.1702	0.0896	0.4966
24.00	0.0000	0.0000	0.0000	1.2328	0.0846	0.5189
26.00	0.0000	0.0000	0.0000	1.2691	0.0762	0.5266
28.00	0.0000	0.0000	0.0000	1.3189	0.0722	0.5465
30.00	0.0000	0.0000	0.0000	1.3615	0.0688	0.5656
35.00	0.0000	0.0000	0.0000	1.4692	0.0652	0.6128
40.01	0.0000	0.0000	0.0000	1.5254	0.0601	0.6404
45.01	0.0000	0.0000	0.0000	1.5535	0.0530	0.6595
50.00	0.0000	0.0000	0.0000	1.5764	0.0453	0.6799
55.01	0.0000	0.0000	0.0000	1.6059	0.0346	0.7010
60.01	0.0000	0.0000	0.0000	1.6293	0.0238	0.7185
65.00	0.0000	0.0000	0.0000	1.6467	0.0141	0.7333
70.01	0.0000	0.0000	0.0000	1.6585	0.0059	0.7444
75.01	0.0000	0.0000	0.0000	1.6650	-0.0030	0.7515
80.00	0.0000	0.0000	0.0000	1.6621	-0.0118	0.7539
85.00	0.0000	0.0000	0.0000	1.6517	-0.0213	0.7531
90.00	0.0000	0.0000	0.0000	1.6486	-0.0307	0.7514
95.00	0.0000	0.0000	0.0000	1.6386	-0.0384	0.7494

Table 5. Continued

(e) Continued

TEST 1802 RUN 128 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2060	-0.0262	-0.1085
-4.00	0.0000	0.0000	0.0000	-0.1653	-0.0223	-0.0895
-3.00	0.0000	0.0000	0.0000	-0.1199	-0.0178	-0.0683
-2.00	0.0000	0.0000	0.0000	-0.0775	-0.0130	-0.0472
-1.00	0.0000	0.0000	0.0000	-0.0379	-0.0074	-0.0264
0.00	0.0000	0.0000	0.0000	-0.0037	-0.0017	-0.0094
1.00	0.0000	0.0000	0.0000	0.0415	0.0061	0.0105
2.00	0.0000	0.0000	0.0000	0.0836	0.0125	0.0314
3.00	0.0000	0.0000	0.0000	0.1299	0.0176	0.0522
4.00	0.0000	0.0000	0.0000	0.1685	0.0223	0.0731
5.00	0.0000	0.0000	0.0000	0.2059	0.0264	0.0933
6.00	0.0000	0.0000	0.0000	0.2507	0.0306	0.1144
8.00	0.0000	0.0000	0.0000	0.3501	0.0384	0.1557
10.00	0.0000	0.0000	0.0000	0.4520	0.0461	0.1978
12.00	0.0000	0.0000	0.0000	0.5555	0.0519	0.2427
14.00	0.0000	0.0000	0.0000	0.6605	0.0563	0.2847
16.00	0.0000	0.0000	0.0000	0.7497	0.0599	0.3252
18.00	0.0000	0.0000	0.0000	0.8447	0.0639	0.3633
20.00	0.0000	0.0000	0.0000	0.9309	0.0679	0.3999
22.00	0.0000	0.0000	0.0000	1.0109	0.0709	0.4314
24.00	0.0000	0.0000	0.0000	1.0876	0.0732	0.4619
26.00	0.0000	0.0000	0.0000	1.1548	0.0730	0.4909
28.00	0.0000	0.0000	0.0000	1.2124	0.0713	0.5139
30.00	0.0000	0.0000	0.0000	1.2629	0.0695	0.5336
35.00	0.0000	0.0000	0.0000	1.3815	0.0574	0.5857
40.00	0.0000	0.0000	0.0000	1.5083	0.0436	0.6496
45.00	0.0000	0.0000	0.0000	1.5808	0.0353	0.6956
50.00	0.0000	0.0000	0.0000	1.6068	0.0267	0.7195
55.00	0.0000	0.0000	0.0000	1.6298	0.0177	0.7389
60.00	0.0000	0.0000	0.0000	1.6430	0.0081	0.7558
65.00	0.0000	0.0000	0.0000	1.6467	-0.0027	0.7677
70.00	0.0000	0.0000	0.0000	1.6490	-0.0123	0.7754
75.00	0.0000	0.0000	0.0000	1.6535	-0.0215	0.7818
80.00	0.0000	0.0000	0.0000	1.6585	-0.0302	0.7864
85.00	0.0000	0.0000	0.0000	1.6670	-0.0378	0.7900
90.00	0.0000	0.0000	0.0000	1.6763	-0.0459	0.7945
95.00	0.0000	0.0000	0.0000	1.6864	-0.0534	0.7985

Table 5. Continued

(e) Continued

TEST 1802 RUN 129 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1435	-0.0151	-0.0840
-4.00	0.0000	0.0000	0.0000	-0.1037	-0.0123	-0.0670
-3.00	0.0000	0.0000	0.0000	-0.0683	-0.0095	-0.0504
-2.00	0.0000	0.0000	0.0000	-0.0350	-0.0066	-0.0341
-1.00	0.0000	0.0000	0.0000	-0.0002	-0.0032	-0.0174
0.00	0.0000	0.0000	0.0000	0.0293	0.0009	-0.0031
1.00	0.0000	0.0000	0.0000	0.0627	0.0061	0.0104
2.00	0.0000	0.0000	0.0000	0.1016	0.0104	0.0268
3.00	0.0000	0.0000	0.0000	0.1371	0.0135	0.0423
4.00	0.0000	0.0000	0.0000	0.1709	0.0165	0.0603
5.00	0.0000	0.0000	0.0000	0.2067	0.0192	0.0776
6.00	0.0000	0.0000	0.0000	0.2413	0.0219	0.0949
8.00	0.0000	0.0000	0.0000	0.3254	0.0280	0.1307
10.00	0.0000	0.0000	0.0000	0.4112	0.0348	0.1676
12.00	0.0000	0.0000	0.0000	0.4989	0.0414	0.2034
14.00	0.0000	0.0000	0.0000	0.5807	0.0468	0.2395
16.00	0.0000	0.0000	0.0000	0.6637	0.0521	0.2746
18.00	0.0000	0.0000	0.0000	0.7457	0.0564	0.3077
20.00	0.0000	0.0000	0.0000	0.8237	0.0598	0.3401
22.00	0.0000	0.0000	0.0000	0.8926	0.0622	0.3701
24.00	0.0000	0.0000	0.0000	0.9694	0.0643	0.4013
26.00	0.0000	0.0000	0.0000	1.0339	0.0663	0.4297
28.00	0.0000	0.0000	0.0000	1.0960	0.0679	0.4572
30.00	0.0000	0.0000	0.0000	1.1564	0.0689	0.4838
35.00	0.0000	0.0000	0.0000	1.2755	0.0647	0.5366
40.00	0.0000	0.0000	0.0000	1.3984	0.0535	0.5928
45.00	0.0000	0.0000	0.0000	1.5130	0.0389	0.6550
50.00	0.0000	0.0000	0.0000	1.5943	0.0236	0.7152
55.00	0.0000	0.0000	0.0000	1.6603	0.0107	0.7666
60.00	0.0000	0.0000	0.0000	1.6834	0.0006	0.7914
65.00	0.0000	0.0000	0.0000	1.6784	-0.0094	0.8014
70.00	0.0000	0.0000	0.0000	1.6615	-0.0202	0.8037
75.00	0.0000	0.0000	0.0000	1.6497	-0.0310	0.8046
80.00	0.0000	0.0000	0.0000	1.6517	-0.0409	0.8073
85.00	0.0000	0.0000	0.0000	1.6604	-0.0508	0.8102
90.00	0.0000	0.0000	0.0000	1.6740	-0.0580	0.8140
95.00	0.0000	0.0000	0.0000	1.6751	-0.0653	0.8131

Table 5. Continued

(e) Continued

TEST 1629 RUN 175 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1319	-0.0161	-0.0610
-4.00	0.0000	0.0000	0.0000	-0.1112	-0.0140	-0.0489
-3.00	0.0000	0.0000	0.0000	-0.0831	-0.0115	-0.0344
-2.00	0.0000	0.0000	0.0000	-0.0612	-0.0091	-0.0221
-1.00	0.0000	0.0000	0.0000	-0.0348	-0.0056	-0.0106
0.00	0.0000	0.0000	0.0000	-0.0075	-0.0007	0.0016
1.00	0.0000	0.0000	0.0000	0.0213	0.0027	0.0142
2.00	0.0000	0.0000	0.0000	0.0474	0.0054	0.0275
3.00	0.0000	0.0000	0.0000	0.0787	0.0083	0.0412
4.00	0.0000	0.0000	0.0000	0.1128	0.0108	0.0560
5.00	0.0000	0.0000	0.0000	0.1513	0.0135	0.0715
6.00	0.0000	0.0000	0.0000	0.1887	0.0161	0.0869
8.00	0.0000	0.0000	0.0000	0.2637	0.0211	0.1188
10.00	0.0000	0.0000	0.0000	0.3386	0.0261	0.1504
12.00	0.0000	0.0000	0.0000	0.4152	0.0317	0.1836
14.00	0.0000	0.0000	0.0000	0.4901	0.0382	0.2178
16.00	0.0000	0.0000	0.0000	0.5581	0.0436	0.2482
18.00	0.0000	0.0000	0.0000	0.6273	0.0482	0.2780
20.00	0.0000	0.0000	0.0000	0.6974	0.0520	0.3069
22.00	0.0000	0.0000	0.0000	0.7622	0.0548	0.3346
24.00	0.0000	0.0000	0.0000	0.8282	0.0571	0.3613
26.00	0.0000	0.0000	0.0000	0.8885	0.0584	0.3883
28.00	0.0000	0.0000	0.0000	0.9379	0.0592	0.4134
30.00	0.0000	0.0000	0.0000	0.9930	0.0603	0.4401
35.00	0.0000	0.0000	0.0000	1.1273	0.0595	0.4970
40.00	0.0000	0.0000	0.0000	1.2550	0.0516	0.5547
45.00	0.0000	0.0000	0.0000	1.3610	0.0390	0.6141
50.00	0.0000	0.0000	0.0000	1.4644	0.0240	0.6786
55.00	0.0000	0.0000	0.0000	1.5394	0.0079	0.7446
60.00	0.0000	0.0000	0.0000	1.5643	-0.0058	0.7844
65.00	0.0000	0.0000	0.0000	1.5619	-0.0170	0.7979
70.00	0.0000	0.0000	0.0000	1.5347	-0.0279	0.7971
75.00	0.0000	0.0000	0.0000	1.5061	-0.0384	0.7909
80.00	0.0000	0.0000	0.0000	1.4867	-0.0493	0.7873
85.00	0.0000	0.0000	0.0000	1.4890	-0.0595	0.7888
90.00	0.0000	0.0000	0.0000	1.4926	-0.0665	0.7897
95.00	0.0000	0.0000	0.0000	1.4928	-0.0731	0.7896

Table 5. Continued

(e) Continued

TEST 1629 RUN 176 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1109	-0.0132	-0.0456
-4.00	0.0000	0.0000	0.0000	-0.0900	-0.0112	-0.0358
-3.00	0.0000	0.0000	0.0000	-0.0651	-0.0087	-0.0247
-2.00	0.0000	0.0000	0.0000	-0.0464	-0.0063	-0.0147
-1.00	0.0000	0.0000	0.0000	-0.0301	-0.0039	-0.0057
0.00	0.0000	0.0000	0.0000	-0.0092	-0.0006	0.0046
1.00	0.0000	0.0000	0.0000	0.0156	0.0025	0.0150
2.00	0.0000	0.0000	0.0000	0.0444	0.0043	0.0259
3.00	0.0000	0.0000	0.0000	0.0687	0.0072	0.0371
4.00	0.0000	0.0000	0.0000	0.0963	0.0098	0.0483
5.00	0.0000	0.0000	0.0000	0.1191	0.0122	0.0594
6.00	0.0000	0.0000	0.0000	0.1517	0.0146	0.0719
8.00	0.0000	0.0000	0.0000	0.2013	0.0187	0.0955
10.00	0.0000	0.0000	0.0000	0.2711	0.0230	0.1233
12.00	0.0000	0.0000	0.0000	0.3286	0.0278	0.1498
14.00	0.0000	0.0000	0.0000	0.3855	0.0319	0.1764
16.00	0.0000	0.0000	0.0000	0.4508	0.0366	0.2065
18.00	0.0000	0.0000	0.0000	0.5177	0.0411	0.2369
20.00	0.0000	0.0000	0.0000	0.5852	0.0462	0.2676
22.00	0.0000	0.0000	0.0000	0.6467	0.0509	0.2963
24.00	0.0000	0.0000	0.0000	0.7125	0.0549	0.3244
26.00	0.0000	0.0000	0.0000	0.7793	0.0579	0.3514
28.00	0.0000	0.0000	0.0000	0.8417	0.0601	0.3774
30.00	0.0000	0.0000	0.0000	0.8886	0.0614	0.4016
35.00	0.0000	0.0000	0.0000	1.0363	0.0595	0.4663
40.00	0.0000	0.0000	0.0000	1.1697	0.0588	0.5245
45.00	0.0000	0.0000	0.0000	1.2951	0.0488	0.5857
50.00	0.0000	0.0000	0.0000	1.4053	0.0364	0.6489
55.00	0.0000	0.0000	0.0000	1.5082	0.0185	0.7233
60.00	0.0000	0.0000	0.0000	1.5879	-0.0052	0.7981
65.00	0.0000	0.0000	0.0000	1.6239	-0.0233	0.8608
70.00	0.0000	0.0000	0.0000	1.5736	-0.0384	0.8721
75.00	0.0000	0.0000	0.0000	1.5224	-0.0507	0.8610
80.00	0.0000	0.0000	0.0000	1.4802	-0.0636	0.8479
85.00	0.0000	0.0000	0.0000	1.4629	-0.0739	0.8452
90.00	0.0000	0.0000	0.0000	1.4591	-0.0823	0.8455
94.80	0.0000	0.0000	0.0000	1.4740	-0.0906	0.8522

Table 5. Continued

(e) Concluded

TEST 1629 RUN 177 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0802	-0.0116	-0.0467
-4.00	0.0000	0.0000	0.0000	-0.0647	-0.0100	-0.0391
-3.00	0.0000	0.0000	0.0000	-0.0512	-0.0075	-0.0311
-2.00	0.0000	0.0000	0.0000	-0.0303	-0.0049	-0.0227
-1.00	0.0000	0.0000	0.0000	-0.0156	-0.0026	-0.0150
0.00	0.0000	0.0000	0.0000	0.0052	-0.0002	-0.0070
1.00	0.0000	0.0000	0.0000	0.0255	0.0023	0.0018
2.00	0.0000	0.0000	0.0000	0.0447	0.0042	0.0101
3.00	0.0000	0.0000	0.0000	0.0627	0.0063	0.0183
4.00	0.0000	0.0000	0.0000	0.0836	0.0084	0.0272
5.00	0.0000	0.0000	0.0000	0.1089	0.0108	0.0364
6.00	0.0000	0.0000	0.0000	0.1278	0.0137	0.0451
8.00	0.0000	0.0000	0.0000	0.1704	0.0174	0.0638
10.00	0.0000	0.0000	0.0000	0.2335	0.0212	0.0853
12.00	0.0000	0.0000	0.0000	0.2742	0.0249	0.1057
14.00	0.0000	0.0000	0.0000	0.3309	0.0294	0.1288
16.00	0.0000	0.0000	0.0000	0.3887	0.0327	0.1531
18.00	0.0000	0.0000	0.0000	0.4533	0.0368	0.1795
20.00	0.0000	0.0000	0.0000	0.5105	0.0411	0.2068
22.00	0.0000	0.0000	0.0000	0.5610	0.0451	0.2345
24.00	0.0000	0.0000	0.0000	0.6197	0.0494	0.2641
26.00	0.0000	0.0000	0.0000	0.6762	0.0533	0.2936
28.00	0.0000	0.0000	0.0000	0.7294	0.0562	0.3211
30.00	0.0000	0.0000	0.0000	0.7782	0.0582	0.3466
35.00	0.0000	0.0000	0.0000	0.9154	0.0597	0.4098
40.00	0.0000	0.0000	0.0000	1.0509	0.0557	0.4751
45.00	0.0000	0.0000	0.0000	1.1670	0.0489	0.5416
50.00	0.0000	0.0000	0.0000	1.2866	0.0336	0.6156
55.00	0.0000	0.0000	0.0000	1.3916	0.0163	0.6923
60.00	0.0000	0.0000	0.0000	1.4662	-0.0090	0.7746
65.00	0.0000	0.0000	0.0000	1.4729	-0.0296	0.8352
70.00	0.0000	0.0000	0.0000	1.3068	-0.0477	0.8487
75.00	0.0000	0.0000	0.0000	1.2403	-0.0603	0.8440
80.00	0.0000	0.0000	0.0000	1.1912	-0.0708	0.8351
85.00	0.0000	0.0000	0.0000	1.1693	-0.0804	0.8310
90.00	0.0000	0.0000	0.0000	1.1555	-0.0880	0.8279
94.80	0.0000	0.0000	0.0000	1.1521	-0.0939	0.8276

Table 5. Continued

(f) Fin 6

TEST 1058 RUN 57 M = 0.59 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2730	-0.0818	-0.1236
-4.00	0.0000	0.0000	0.0000	-0.2178	-0.0661	-0.1010
-3.00	0.0000	0.0000	0.0000	-0.1608	-0.0482	-0.0739
-2.00	0.0000	0.0000	0.0000	-0.1026	-0.0313	-0.0473
-1.00	0.0000	0.0000	0.0000	-0.0398	-0.0148	-0.0205
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0471	0.0143	0.0206
2.00	0.0000	0.0000	0.0000	0.0911	0.0299	0.0449
3.00	0.0000	0.0000	0.0000	0.1588	0.0479	0.0752
4.00	0.0000	0.0000	0.0000	0.2214	0.0617	0.1002
5.00	0.0000	0.0000	0.0000	0.2852	0.0799	0.1281
6.00	0.0000	0.0000	0.0000	0.3467	0.0989	0.1547
8.00	0.0000	0.0000	0.0000	0.4651	0.1276	0.1993
10.00	0.0000	0.0000	0.0000	0.5339	0.1235	0.2251
12.00	0.0000	0.0000	0.0000	0.6025	0.1208	0.2471
14.00	0.0000	0.0000	0.0000	0.6551	0.1217	0.2521
16.00	0.0000	0.0000	0.0000	0.6400	0.1089	0.2418
18.00	0.0000	0.0000	0.0000	0.6525	0.1068	0.2467
20.00	0.0000	0.0000	0.0000	0.6477	0.1036	0.2513
22.00	0.0000	0.0000	0.0000	0.6560	0.1025	0.2608
24.00	0.0000	0.0000	0.0000	0.6849	0.1018	0.2750
26.00	0.0000	0.0000	0.0000	0.7124	0.1013	0.2886
28.00	0.0000	0.0000	0.0000	0.7412	0.0997	0.3038
30.00	0.0000	0.0000	0.0000	0.7817	0.1005	0.3220
35.00	0.0000	0.0000	0.0000	0.9067	0.1027	0.3769
40.00	0.0000	0.0000	0.0000	0.9890	0.0982	0.4160
45.00	0.0000	0.0000	0.0000	1.0694	0.0908	0.4472
50.00	0.0000	0.0000	0.0000	1.1075	0.0830	0.4654
55.00	0.0000	0.0000	0.0000	1.1454	0.0718	0.4819
60.00	0.0000	0.0000	0.0000	1.1762	0.0603	0.4955
65.00	0.0000	0.0000	0.0000	1.1892	0.0468	0.5042
70.00	0.0000	0.0000	0.0000	1.2075	0.0358	0.5140
75.00	0.0000	0.0000	0.0000	1.2238	0.0220	0.5250
80.00	0.0000	0.0000	0.0000	1.2372	0.0085	0.5315
85.00	0.0000	0.0000	0.0000	1.2387	-0.0047	0.5377
90.00	0.0000	0.0000	0.0000	1.2338	-0.0178	0.5364
95.00	0.0000	0.0000	0.0000	1.2485	-0.0299	0.5425

Table 5. Continued

(f) Continued

TEST 1058 RUN 56 M = 0.89 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2324	-0.1015	-0.1058
-4.00	0.0000	0.0000	0.0000	-0.1738	-0.0824	-0.0824
-3.00	0.0000	0.0000	0.0000	-0.1263	-0.0602	-0.0596
-2.00	0.0000	0.0000	0.0000	-0.0707	-0.0404	-0.0371
-1.00	0.0000	0.0000	0.0000	-0.0387	-0.0187	-0.0222
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0568	0.0138	0.0307
2.00	0.0000	0.0000	0.0000	0.0950	0.0371	0.0381
3.00	0.0000	0.0000	0.0000	0.1318	0.0588	0.0551
4.00	0.0000	0.0000	0.0000	0.1860	0.0821	0.0783
5.00	0.0000	0.0000	0.0000	0.2420	0.1027	0.1045
6.00	0.0000	0.0000	0.0000	0.3191	0.1217	0.1434
8.00	0.0000	0.0000	0.0000	0.4728	0.1569	0.2049
10.00	0.0000	0.0000	0.0000	0.5796	0.1785	0.2486
12.00	0.0000	0.0000	0.0000	0.7025	0.1904	0.3026
14.00	0.0000	0.0000	0.0000	0.5334	0.1398	0.2125
16.00	0.0000	0.0000	0.0000	0.6070	0.1330	0.2403
18.00	0.0000	0.0000	0.0000	0.6952	0.1166	0.2810
20.00	0.0000	0.0000	0.0000	0.7570	0.1107	0.3077
22.00	0.0000	0.0000	0.0000	0.8106	0.1080	0.3311
24.00	0.0000	0.0000	0.0000	0.8436	0.1054	0.3465
26.00	0.0000	0.0000	0.0000	0.8713	0.1035	0.3614
28.00	0.0000	0.0000	0.0000	0.9023	0.1011	0.3765
30.00	0.0000	0.0000	0.0000	0.9217	0.0995	0.3878
35.00	0.0000	0.0000	0.0000	0.9832	0.0940	0.4228
40.00	0.0000	0.0000	0.0000	1.0565	0.0876	0.4579
45.00	0.0000	0.0000	0.0000	1.1637	0.0829	0.4984
50.00	0.0000	0.0000	0.0000	1.2248	0.0753	0.5277
55.00	0.0000	0.0000	0.0000	1.2649	0.0660	0.5438
60.00	0.0000	0.0000	0.0000	1.2686	0.0561	0.5483
65.00	0.0000	0.0000	0.0000	1.2613	0.0464	0.5484
70.00	0.0000	0.0000	0.0000	1.2608	0.0333	0.5534
75.00	0.0000	0.0000	0.0000	1.2580	0.0204	0.5585
80.00	0.0000	0.0000	0.0000	1.2608	0.0078	0.5639
85.00	0.0000	0.0000	0.0000	1.2694	-0.0031	0.5713
90.00	0.0000	0.0000	0.0000	1.2646	-0.0146	0.5710
95.00	0.0000	0.0000	0.0000	1.2577	-0.0256	0.5693

Table 5. Continued

(f) Continued

TEST 1058 RUN 55 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2481	-0.0449	-0.1247
-4.00	0.0000	0.0000	0.0000	-0.2346	-0.0432	-0.1215
-3.00	0.0000	0.0000	0.0000	-0.1741	-0.0343	-0.0930
-2.00	0.0000	0.0000	0.0000	-0.1112	-0.0239	-0.0618
-1.00	0.0000	0.0000	0.0000	-0.0625	-0.0155	-0.0344
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0070	0.0041	0.0075
2.00	0.0000	0.0000	0.0000	0.0629	0.0129	0.0352
3.00	0.0000	0.0000	0.0000	0.1152	0.0259	0.0631
4.00	0.0000	0.0000	0.0000	0.2011	0.0339	0.0956
5.00	0.0000	0.0000	0.0000	0.2861	0.0447	0.1294
6.00	0.0000	0.0000	0.0000	0.3463	0.0557	0.1580
8.00	0.0000	0.0000	0.0000	0.4873	0.0682	0.2212
10.00	0.0000	0.0000	0.0000	0.6624	0.0837	0.2958
12.00	0.0000	0.0000	0.0000	0.7282	0.0872	0.3237
14.00	0.0000	0.0000	0.0000	0.8401	0.0956	0.3681
16.00	0.0000	0.0000	0.0000	0.9247	0.1025	0.4065
18.00	0.0000	0.0000	0.0000	1.0107	0.1028	0.4448
20.00	0.0000	0.0000	0.0000	1.1033	0.1042	0.4812
22.00	0.0000	0.0000	0.0000	1.1910	0.1008	0.5149
24.00	0.0000	0.0000	0.0000	1.2847	0.0929	0.5526
26.00	0.0000	0.0000	0.0000	1.3397	0.0935	0.5732
28.00	0.0000	0.0000	0.0000	1.3299	0.0922	0.5638
30.00	0.0000	0.0000	0.0000	1.3586	0.0876	0.5790
35.00	0.0000	0.0000	0.0000	1.4947	0.0815	0.6322
40.00	0.0000	0.0000	0.0000	1.5995	0.0811	0.6654
45.00	0.0000	0.0000	0.0000	1.6193	0.0711	0.6805
50.00	0.0000	0.0000	0.0000	1.6263	0.0590	0.6998
55.00	0.0000	0.0000	0.0000	1.6413	0.0465	0.7174
60.00	0.0000	0.0000	0.0000	1.6680	0.0336	0.7354
65.00	0.0000	0.0000	0.0000	1.6704	0.0246	0.7483
70.00	0.0000	0.0000	0.0000	1.6868	0.0146	0.7598
75.00	0.0000	0.0000	0.0000	1.6899	0.0033	0.7655
80.00	0.0000	0.0000	0.0000	1.6893	-0.0045	0.7702
85.01	0.0000	0.0000	0.0000	1.6917	-0.0142	0.7744
90.00	0.0000	0.0000	0.0000	1.6893	-0.0239	0.7756
95.00	0.0000	0.0000	0.0000	1.6787	-0.0334	0.7741

Table 5. Continued

(f) Continued

TEST 1802 RUN 140 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2262	-0.0346	-0.1228
-4.00	0.0000	0.0000	0.0000	-0.1849	-0.0283	-0.1005
-3.00	0.0000	0.0000	0.0000	-0.1362	-0.0216	-0.0761
-2.00	0.0000	0.0000	0.0000	-0.0994	-0.0157	-0.0555
-1.00	0.0000	0.0000	0.0000	-0.0489	-0.0082	-0.0304
0.00	0.0000	0.0000	0.0000	0.0003	-0.0003	-0.0092
1.00	0.0000	0.0000	0.0000	0.0554	0.0109	0.0130
2.00	0.0000	0.0000	0.0000	0.1136	0.0197	0.0346
3.00	0.0000	0.0000	0.0000	0.1680	0.0272	0.0571
4.00	0.0000	0.0000	0.0000	0.2209	0.0337	0.0810
5.00	0.0000	0.0000	0.0000	0.2765	0.0409	0.1060
6.00	0.0000	0.0000	0.0000	0.3289	0.0478	0.1307
8.00	0.0000	0.0000	0.0000	0.4181	0.0598	0.1738
10.00	0.0000	0.0000	0.0000	0.5065	0.0702	0.2137
12.00	0.0000	0.0000	0.0000	0.5932	0.0793	0.2543
14.00	0.0000	0.0000	0.0000	0.6652	0.0841	0.2924
16.00	0.0000	0.0000	0.0000	0.7538	0.0883	0.3339
18.00	0.0000	0.0000	0.0000	0.8396	0.0933	0.3739
20.00	0.0000	0.0000	0.0000	0.9274	0.0986	0.4096
22.00	0.0000	0.0000	0.0000	1.0044	0.1019	0.4428
24.00	0.0000	0.0000	0.0000	1.0765	0.1034	0.4734
26.00	0.0000	0.0000	0.0000	1.1376	0.1027	0.5023
28.00	0.0000	0.0000	0.0000	1.1920	0.0980	0.5331
30.00	0.0000	0.0000	0.0000	1.2535	0.0915	0.5598
35.00	0.0000	0.0000	0.0000	1.3935	0.0794	0.6148
40.00	0.0000	0.0000	0.0000	1.4838	0.0691	0.6599
45.00	0.0000	0.0000	0.0000	1.5555	0.0595	0.7015
50.00	0.0000	0.0000	0.0000	1.6059	0.0509	0.7317
55.00	0.0000	0.0000	0.0000	1.6357	0.0405	0.7557
60.00	0.0000	0.0000	0.0000	1.6537	0.0302	0.7754
65.00	0.0000	0.0000	0.0000	1.6561	0.0201	0.7877
70.00	0.0000	0.0000	0.0000	1.6652	0.0102	0.7969
75.00	0.0000	0.0000	0.0000	1.6698	0.0014	0.8055
80.00	0.0000	0.0000	0.0000	1.6779	-0.0069	0.8125
85.00	0.0000	0.0000	0.0000	1.6773	-0.0135	0.8154
90.00	0.0000	0.0000	0.0000	1.6790	-0.0211	0.8191
95.00	0.0000	0.0000	0.0000	1.6798	-0.0288	0.8213

Table 5. Continued

(f) Continued

TEST 1802 RUN 141 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1504	-0.0213	-0.0876
-4.00	0.0000	0.0000	0.0000	-0.1186	-0.0181	-0.0714
-3.00	0.0000	0.0000	0.0000	-0.0863	-0.0147	-0.0542
-2.00	0.0000	0.0000	0.0000	-0.0432	-0.0107	-0.0364
-1.00	0.0000	0.0000	0.0000	-0.0143	-0.0065	-0.0210
0.00	0.0000	0.0000	0.0000	0.0226	0.0001	-0.0060
1.00	0.0000	0.0000	0.0000	0.0579	0.0071	0.0082
2.00	0.0000	0.0000	0.0000	0.0879	0.0124	0.0235
3.00	0.0000	0.0000	0.0000	0.1166	0.0176	0.0388
4.00	0.0000	0.0000	0.0000	0.1467	0.0218	0.0560
5.00	0.0000	0.0000	0.0000	0.1770	0.0241	0.0723
6.00	0.0000	0.0000	0.0000	0.2198	0.0285	0.0909
8.00	0.0000	0.0000	0.0000	0.2774	0.0358	0.1250
10.00	0.0000	0.0000	0.0000	0.3575	0.0441	0.1634
12.00	0.0000	0.0000	0.0000	0.4394	0.0524	0.2031
14.00	0.0000	0.0000	0.0000	0.5125	0.0617	0.2421
16.00	0.0000	0.0000	0.0000	0.5926	0.0706	0.2781
18.00	0.0000	0.0000	0.0000	0.6555	0.0770	0.3093
20.00	0.0000	0.0000	0.0000	0.7198	0.0808	0.3399
22.00	0.0000	0.0000	0.0000	0.7898	0.0835	0.3705
24.00	0.0000	0.0000	0.0000	0.8583	0.0846	0.4015
26.00	0.0000	0.0000	0.0000	0.9239	0.0867	0.4324
28.00	0.0000	0.0000	0.0000	0.9798	0.0875	0.4596
30.00	0.0000	0.0000	0.0000	1.0358	0.0885	0.4859
35.00	0.0000	0.0000	0.0000	1.1788	0.0788	0.5494
40.00	0.0000	0.0000	0.0000	1.3121	0.0681	0.6059
45.00	0.0000	0.0000	0.0000	1.4221	0.0556	0.6585
50.00	0.0000	0.0000	0.0000	1.4983	0.0418	0.7066
55.00	0.0000	0.0000	0.0000	1.5647	0.0282	0.7516
60.00	0.0000	0.0000	0.0000	1.6181	0.0124	0.7946
65.00	0.0000	0.0000	0.0000	1.6559	0.0002	0.8216
70.00	0.0000	0.0000	0.0000	1.6636	-0.0112	0.8327
75.00	0.0000	0.0000	0.0000	1.6465	-0.0226	0.8352
80.00	0.0000	0.0000	0.0000	1.6361	-0.0323	0.8372
85.00	0.0000	0.0000	0.0000	1.6432	-0.0400	0.8419
90.00	0.0000	0.0000	0.0000	1.6405	-0.0464	0.8447
95.00	0.0000	0.0000	0.0000	1.6392	-0.0526	0.8481

Table 5. Continued

(f) Continued

TEST 1629 RUN 183 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1592	-0.0200	-0.0686
-4.00	0.0000	0.0000	0.0000	-0.1298	-0.0177	-0.0555
-3.00	0.0000	0.0000	0.0000	-0.0920	-0.0136	-0.0405
-2.00	0.0000	0.0000	0.0000	-0.0566	-0.0096	-0.0259
-1.00	0.0000	0.0000	0.0000	-0.0299	-0.0058	-0.0140
0.00	0.0000	0.0000	0.0000	-0.0016	0.0006	-0.0026
1.00	0.0000	0.0000	0.0000	0.0258	0.0053	0.0089
2.00	0.0000	0.0000	0.0000	0.0544	0.0101	0.0225
3.00	0.0000	0.0000	0.0000	0.0779	0.0143	0.0352
4.00	0.0000	0.0000	0.0000	0.1169	0.0181	0.0503
5.00	0.0000	0.0000	0.0000	0.1433	0.0224	0.0642
6.00	0.0000	0.0000	0.0000	0.1789	0.0267	0.0793
8.00	0.0000	0.0000	0.0000	0.2502	0.0336	0.1100
10.00	0.0000	0.0000	0.0000	0.3364	0.0413	0.1435
12.00	0.0000	0.0000	0.0000	0.4135	0.0490	0.1764
14.00	0.0000	0.0000	0.0000	0.5111	0.0578	0.2134
16.00	0.0000	0.0000	0.0000	0.6022	0.0685	0.2517
18.00	0.0000	0.0000	0.0000	0.6853	0.0778	0.2860
20.00	0.0000	0.0000	0.0000	0.7631	0.0860	0.3166
22.00	0.0000	0.0000	0.0000	0.8401	0.0917	0.3451
24.00	0.0000	0.0000	0.0000	0.9204	0.0964	0.3740
26.00	0.0000	0.0000	0.0000	0.9993	0.0984	0.4031
28.00	0.0000	0.0000	0.0000	1.0708	0.1005	0.4325
30.00	0.0000	0.0000	0.0000	1.1329	0.1027	0.4584
35.00	0.0000	0.0000	0.0000	1.2835	0.1011	0.5195
40.00	0.0000	0.0000	0.0000	1.4441	0.0949	0.5810
45.00	0.0000	0.0000	0.0000	1.5907	0.0854	0.6356
50.00	0.0000	0.0000	0.0000	1.6950	0.0765	0.6857
55.00	0.0000	0.0000	0.0000	1.8100	0.0661	0.7368
60.00	0.0000	0.0000	0.0000	1.9048	0.0535	0.7863
65.00	0.0000	0.0000	0.0000	1.9797	0.0419	0.8275
70.00	0.0000	0.0000	0.0000	2.0001	0.0299	0.8471
75.00	0.0000	0.0000	0.0000	1.9839	0.0172	0.8505
80.00	0.0000	0.0000	0.0000	1.9700	0.0074	0.8532
85.00	0.0000	0.0000	0.0000	1.9626	0.0006	0.8541
90.00	0.0000	0.0000	0.0000	1.9639	-0.0063	0.8560
95.00	0.0000	0.0000	0.0000	1.9703	-0.0145	0.8592

Table 5. Continued

(f) Continued

TEST 1629 RUN 184 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1221	-0.0179	-0.0424
-4.00	0.0000	0.0000	0.0000	-0.0987	-0.0153	-0.0325
-3.00	0.0000	0.0000	0.0000	-0.0706	-0.0118	-0.0212
-2.00	0.0000	0.0000	0.0000	-0.0427	-0.0086	-0.0100
-1.00	0.0000	0.0000	0.0000	-0.0284	-0.0053	-0.0017
0.00	0.0000	0.0000	0.0000	-0.0046	0.0004	0.0079
1.00	0.0000	0.0000	0.0000	0.0184	0.0024	0.0174
2.00	0.0000	0.0000	0.0000	0.0267	0.0053	0.0264
3.00	0.0000	0.0000	0.0000	0.0657	0.0091	0.0392
4.00	0.0000	0.0000	0.0000	0.0891	0.0121	0.0499
5.00	0.0000	0.0000	0.0000	0.0989	0.0159	0.0598
6.00	0.0000	0.0000	0.0000	0.1187	0.0187	0.0705
8.00	0.0000	0.0000	0.0000	0.1790	0.0255	0.0946
10.00	0.0000	0.0000	0.0000	0.2302	0.0323	0.1188
12.00	0.0000	0.0000	0.0000	0.2874	0.0379	0.1446
14.00	0.0000	0.0000	0.0000	0.3637	0.0447	0.1739
16.00	0.0000	0.0000	0.0000	0.4306	0.0515	0.2033
18.00	0.0000	0.0000	0.0000	0.5001	0.0576	0.2344
20.00	0.0000	0.0000	0.0000	0.5860	0.0645	0.2693
22.00	0.0000	0.0000	0.0000	0.6851	0.0716	0.3066
24.00	0.0000	0.0000	0.0000	0.7754	0.0823	0.3426
26.00	0.0000	0.0000	0.0000	0.8493	0.0883	0.3714
28.00	0.0000	0.0000	0.0000	0.9277	0.0935	0.3992
30.00	0.0000	0.0000	0.0000	0.9985	0.0953	0.4259
35.00	0.0000	0.0000	0.0000	1.1826	0.0998	0.4948
40.00	0.0000	0.0000	0.0000	1.3052	0.0961	0.5505
45.00	0.0000	0.0000	0.0000	1.4774	0.0894	0.6166
50.00	0.0000	0.0000	0.0000	1.5743	0.0792	0.6678
55.00	0.0000	0.0000	0.0000	1.7312	0.0675	0.7282
60.00	0.0000	0.0000	0.0000	1.8314	0.0541	0.7818
65.00	0.0000	0.0000	0.0000	1.9248	0.0421	0.8364
70.00	0.0000	0.0000	0.0000	1.9391	0.0253	0.8750
75.00	0.0000	0.0000	0.0000	1.9450	0.0095	0.8997
80.00	0.0000	0.0000	0.0000	1.9424	-0.0022	0.9143
85.00	0.0000	0.0000	0.0000	1.9416	-0.0113	0.9218
90.00	0.0000	0.0000	0.0000	1.9527	-0.0185	0.9247
95.00	0.0000	0.0000	0.0000	1.9488	-0.0274	0.9214

Table 5. Continued

(f) Concluded

TEST 1629 RUN 185 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0978	-0.0130	-0.0431
-4.00	0.0000	0.0000	0.0000	-0.0842	-0.0110	-0.0349
-3.00	0.0000	0.0000	0.0000	-0.0615	-0.0089	-0.0261
-2.00	0.0000	0.0000	0.0000	-0.0368	-0.0057	-0.0174
-1.00	0.0000	0.0000	0.0000	-0.0184	-0.0036	-0.0094
0.00	0.0000	0.0000	0.0000	0.0048	0.0007	-0.0013
1.00	0.0000	0.0000	0.0000	0.0245	0.0035	0.0074
2.00	0.0000	0.0000	0.0000	0.0507	0.0071	0.0168
3.00	0.0000	0.0000	0.0000	0.0680	0.0102	0.0256
4.00	0.0000	0.0000	0.0000	0.0894	0.0128	0.0351
5.00	0.0000	0.0000	0.0000	0.1014	0.0165	0.0438
6.00	0.0000	0.0000	0.0000	0.0991	0.0207	0.0507
8.00	0.0000	0.0000	0.0000	0.1420	0.0234	0.0691
10.00	0.0000	0.0000	0.0000	0.1609	0.0281	0.0861
12.00	0.0000	0.0000	0.0000	0.2046	0.0348	0.1066
14.00	0.0000	0.0000	0.0000	0.2304	0.0402	0.1269
16.00	0.0000	0.0000	0.0000	0.2809	0.0454	0.1502
18.00	0.0000	0.0000	0.0000	0.3275	0.0515	0.1754
20.00	0.0000	0.0000	0.0000	0.3946	0.0583	0.2042
22.00	0.0000	0.0000	0.0000	0.4504	0.0627	0.2344
24.00	0.0000	0.0000	0.0000	0.5151	0.0695	0.2677
26.00	0.0000	0.0000	0.0000	0.6067	0.0764	0.3050
28.00	0.0000	0.0000	0.0000	0.6967	0.0854	0.3439
30.00	0.0000	0.0000	0.0000	0.7456	0.0918	0.3753
35.00	0.0000	0.0000	0.0000	0.9217	0.0960	0.4462
40.00	0.0000	0.0000	0.0000	1.1025	0.0996	0.5163
45.00	0.0000	0.0000	0.0000	1.2398	0.0935	0.5834
50.00	0.0000	0.0000	0.0000	1.4008	0.0836	0.6518
55.00	0.0000	0.0000	0.0000	1.5016	0.0698	0.7142
60.00	0.0000	0.0000	0.0000	1.5903	0.0581	0.7755
65.00	0.0000	0.0000	0.0000	1.6716	0.0415	0.8370
70.00	0.0000	0.0000	0.0000	1.7082	0.0241	0.8878
75.00	0.0000	0.0000	0.0000	1.7280	0.0082	0.9260
80.00	0.0000	0.0000	0.0000	1.7212	-0.0060	0.9476
85.00	0.0000	0.0000	0.0000	1.7006	-0.0191	0.9570
90.00	0.0000	0.0000	0.0000	1.6761	-0.0281	0.9599
95.00	0.0000	0.0000	0.0000	1.6730	-0.0340	0.9568

Table 5. Continued

(g) Fin 7

TEST 1058 RUN 71 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1147	0.0071	-0.0474
-4.00	0.0000	0.0000	0.0000	-0.0851	0.0055	-0.0361
-3.00	0.0000	0.0000	0.0000	-0.0696	0.0037	-0.0266
-2.00	0.0000	0.0000	0.0000	-0.0396	0.0021	-0.0159
-1.00	0.0000	0.0000	0.0000	-0.0176	0.0009	-0.0071
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.00	0.0000	0.0000	0.0000	0.0095	-0.0013	0.0066
2.00	0.0000	0.0000	0.0000	0.0263	-0.0026	0.0147
3.00	0.0000	0.0000	0.0000	0.0509	-0.0042	0.0247
4.01	0.0000	0.0000	0.0000	0.0713	-0.0060	0.0346
5.00	0.0000	0.0000	0.0000	0.1007	-0.0078	0.0462
6.00	0.0000	0.0000	0.0000	0.1333	-0.0096	0.0584
8.00	0.0000	0.0000	0.0000	0.1970	-0.0133	0.0835
10.00	0.0000	0.0000	0.0000	0.2684	-0.0170	0.1090
12.00	0.0000	0.0000	0.0000	0.3502	-0.0201	0.1351
14.01	0.0000	0.0000	0.0000	0.4231	-0.0227	0.1599
16.00	0.0000	0.0000	0.0000	0.4996	-0.0246	0.1847
17.99	0.0000	0.0000	0.0000	0.5704	-0.0240	0.2038
20.00	0.0000	0.0000	0.0000	0.6510	-0.0235	0.2189
22.00	0.0000	0.0000	0.0000	0.7492	-0.0228	0.2359
24.00	0.0000	0.0000	0.0000	0.8293	-0.0195	0.2513
26.00	0.0000	0.0000	0.0000	0.9065	-0.0152	0.2673
28.02	0.0000	0.0000	0.0000	0.9841	-0.0130	0.2843
30.00	0.0000	0.0000	0.0000	1.0451	-0.0126	0.2992
35.00	0.0000	0.0000	0.0000	1.0753	0.0140	0.2985
40.00	0.0000	0.0000	0.0000	0.8834	-0.0180	0.2715
45.00	0.0000	0.0000	0.0000	0.9067	-0.0316	0.2846
49.99	0.0000	0.0000	0.0000	0.9361	-0.0441	0.2991
55.00	0.0000	0.0000	0.0000	0.9672	-0.0558	0.3128
60.00	0.0000	0.0000	0.0000	0.9853	-0.0680	0.3236
65.01	0.0000	0.0000	0.0000	1.0086	-0.0809	0.3354
70.01	0.0000	0.0000	0.0000	1.0253	-0.0930	0.3454
75.00	0.0000	0.0000	0.0000	1.0275	-0.1029	0.3521
80.00	0.0000	0.0000	0.0000	1.0262	-0.1144	0.3571
85.01	0.0000	0.0000	0.0000	1.0157	-0.1288	0.3602
90.01	0.0000	0.0000	0.0000	1.0027	-0.1451	0.3609
95.00	0.0000	0.0000	0.0000	0.9839	-0.1622	0.3605

Table 5. Continued

(g) Continued

TEST 1058 RUN 70 M = 0.88 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1104	0.0076	-0.0476
-4.03	0.0000	0.0000	0.0000	-0.0849	0.0056	-0.0365
-3.01	0.0000	0.0000	0.0000	-0.0640	0.0034	-0.0262
-1.99	0.0000	0.0000	0.0000	-0.0364	0.0015	-0.0153
-1.02	0.0000	0.0000	0.0000	-0.0072	0.0004	-0.0055
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.03	0.0000	0.0000	0.0000	0.0013	-0.0009	0.0053
2.00	0.0000	0.0000	0.0000	0.0208	-0.0017	0.0129
3.02	0.0000	0.0000	0.0000	0.0365	-0.0036	0.0221
3.99	0.0000	0.0000	0.0000	0.0759	-0.0063	0.0354
5.01	0.0000	0.0000	0.0000	0.0941	-0.0084	0.0457
6.03	0.0000	0.0000	0.0000	0.1258	-0.0107	0.0585
8.02	0.0000	0.0000	0.0000	0.1913	-0.0164	0.0853
10.01	0.0000	0.0000	0.0000	0.2432	-0.0224	0.1097
12.00	0.0000	0.0000	0.0000	0.3158	-0.0277	0.1350
14.00	0.0000	0.0000	0.0000	0.3880	-0.0325	0.1597
15.99	0.0000	0.0000	0.0000	0.4748	-0.0366	0.1850
18.03	0.0000	0.0000	0.0000	0.5350	-0.0368	0.2009
20.02	0.0000	0.0000	0.0000	0.6366	-0.0361	0.2136
22.00	0.0000	0.0000	0.0000	0.7377	-0.0369	0.2342
24.00	0.0000	0.0000	0.0000	0.8192	-0.0400	0.2525
26.01	0.0000	0.0000	0.0000	0.8871	-0.0433	0.2725
28.00	0.0000	0.0000	0.0000	0.9460	-0.0449	0.2900
29.99	0.0000	0.0000	0.0000	0.9947	-0.0459	0.3056
35.01	0.0000	0.0000	0.0000	1.0610	-0.0237	0.3187
40.00	0.0000	0.0000	0.0000	0.9553	-0.0386	0.3049
45.00	0.0000	0.0000	0.0000	0.9332	-0.0519	0.3081
50.01	0.0000	0.0000	0.0000	0.9658	-0.0680	0.3279
55.02	0.0000	0.0000	0.0000	1.0087	-0.0807	0.3478
60.00	0.0000	0.0000	0.0000	1.0486	-0.0919	0.3651
65.00	0.0000	0.0000	0.0000	1.0759	-0.1025	0.3797
70.00	0.0000	0.0000	0.0000	1.0909	-0.1109	0.3905
75.01	0.0000	0.0000	0.0000	1.0860	-0.1207	0.3959
80.01	0.0000	0.0000	0.0000	1.0814	-0.1350	0.4004
85.02	0.0000	0.0000	0.0000	1.0597	-0.1492	0.4003
90.02	0.0000	0.0000	0.0000	1.0394	-0.1665	0.3983
95.00	0.0000	0.0000	0.0000	1.0172	-0.1888	0.3974

Table 5. Continued

(g) Continued

TEST 1058 RUN 69 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1195	0.0125	-0.0457
-4.01	0.0000	0.0000	0.0000	-0.1111	0.0117	-0.0430
-3.01	0.0000	0.0000	0.0000	-0.0548	0.0079	-0.0283
-2.01	0.0000	0.0000	0.0000	-0.0360	0.0046	-0.0183
-0.99	0.0000	0.0000	0.0000	-0.0129	0.0019	-0.0079
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0156	-0.0017	0.0077
1.99	0.0000	0.0000	0.0000	0.0339	-0.0045	0.0177
3.02	0.0000	0.0000	0.0000	0.0579	-0.0082	0.0290
4.01	0.0000	0.0000	0.0000	0.0797	-0.0118	0.0400
5.01	0.0000	0.0000	0.0000	0.1134	-0.0156	0.0526
6.00	0.0000	0.0000	0.0000	0.1435	-0.0195	0.0652
8.02	0.0000	0.0000	0.0000	0.2110	-0.0279	0.0914
10.01	0.0000	0.0000	0.0000	0.2572	-0.0364	0.1151
12.00	0.0000	0.0000	0.0000	0.3228	-0.0440	0.1391
14.02	0.0000	0.0000	0.0000	0.3813	-0.0512	0.1615
16.01	0.0000	0.0000	0.0000	0.4552	-0.0576	0.1842
18.00	0.0000	0.0000	0.0000	0.5170	-0.0641	0.2009
20.02	0.0000	0.0000	0.0000	0.6350	-0.0678	0.2181
22.01	0.0000	0.0000	0.0000	0.7258	-0.0734	0.2416
24.00	0.0000	0.0000	0.0000	0.7964	-0.0759	0.2583
26.02	0.0000	0.0000	0.0000	0.8175	-0.0801	0.2741
28.01	0.0000	0.0000	0.0000	0.8758	-0.0839	0.2935
30.00	0.0000	0.0000	0.0000	0.9424	-0.0887	0.3133
35.01	0.0000	0.0000	0.0000	1.0811	-0.1022	0.3602
40.01	0.0000	0.0000	0.0000	1.1590	-0.1081	0.3917
45.02	0.0000	0.0000	0.0000	1.1805	-0.1115	0.4082
50.02	0.0000	0.0000	0.0000	1.2089	-0.1193	0.4191
60.03	0.0000	0.0000	0.0000	1.2454	-0.1379	0.4501
65.03	0.0000	0.0000	0.0000	1.2518	-0.1497	0.4637
70.01	0.0000	0.0000	0.0000	1.2567	-0.1579	0.4734
75.02	0.0000	0.0000	0.0000	1.2281	-0.1669	0.4736
80.02	0.0000	0.0000	0.0000	1.2141	-0.1780	0.4748
85.03	0.0000	0.0000	0.0000	1.1624	-0.1879	0.4675
90.03	0.0000	0.0000	0.0000	1.1388	-0.2134	0.4678
94.99	0.0000	0.0000	0.0000	1.1476	-0.2380	0.4753

Table 5. Continued

(g) Continued

TEST 1802 RUN 136 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0905	0.0143	-0.0497
-4.00	0.0000	0.0000	0.0000	-0.0666	0.0116	-0.0400
-3.00	0.0000	0.0000	0.0000	-0.0424	0.0084	-0.0295
-2.00	0.0000	0.0000	0.0000	-0.0212	0.0056	-0.0204
-1.00	0.0000	0.0000	0.0000	-0.0009	0.0028	-0.0110
0.00	0.0000	0.0000	0.0000	0.0218	0.0003	-0.0015
1.00	0.0000	0.0000	0.0000	0.0360	-0.0014	0.0052
2.00	0.0000	0.0000	0.0000	0.0524	-0.0034	0.0134
3.00	0.0000	0.0000	0.0000	0.0661	-0.0058	0.0211
4.00	0.0000	0.0000	0.0000	0.0878	-0.0088	0.0309
5.00	0.0000	0.0000	0.0000	0.1131	-0.0119	0.0414
6.00	0.0000	0.0000	0.0000	0.1398	-0.0150	0.0522
8.00	0.0000	0.0000	0.0000	0.1963	-0.0209	0.0735
10.00	0.0000	0.0000	0.0000	0.2651	-0.0270	0.0970
12.00	0.0000	0.0000	0.0000	0.3313	-0.0326	0.1182
14.00	0.0000	0.0000	0.0000	0.3943	-0.0382	0.1381
16.00	0.0000	0.0000	0.0000	0.4551	-0.0436	0.1577
18.00	0.0000	0.0000	0.0000	0.4991	-0.0491	0.1719
20.00	0.0000	0.0000	0.0000	0.5673	-0.0553	0.1841
22.00	0.0000	0.0000	0.0000	0.6385	-0.0609	0.2043
24.00	0.0000	0.0000	0.0000	0.6880	-0.0630	0.2191
26.00	0.0000	0.0000	0.0000	0.7442	-0.0670	0.2379
28.00	0.0000	0.0000	0.0000	0.7934	-0.0715	0.2551
30.00	0.0000	0.0000	0.0000	0.8484	-0.0773	0.2745
35.00	0.0000	0.0000	0.0000	0.9782	-0.0923	0.3216
40.00	0.0000	0.0000	0.0000	1.0983	-0.1107	0.3689
45.00	0.0000	0.0000	0.0000	1.1803	-0.1240	0.4059
50.00	0.0000	0.0000	0.0000	1.2375	-0.1371	0.4367
55.00	0.0000	0.0000	0.0000	1.2581	-0.1486	0.4574
60.00	0.0000	0.0000	0.0000	1.2481	-0.1578	0.4694
65.00	0.0000	0.0000	0.0000	1.2309	-0.1648	0.4750
70.00	0.0000	0.0000	0.0000	1.2060	-0.1700	0.4741
75.00	0.0000	0.0000	0.0000	1.1816	-0.1769	0.4709
80.00	0.0000	0.0000	0.0000	1.1528	-0.1841	0.4647
85.00	0.0000	0.0000	0.0000	1.1374	-0.1989	0.4634
90.00	0.0000	0.0000	0.0000	1.1397	-0.2185	0.4685
95.00	0.0000	0.0000	0.0000	1.1441	-0.2357	0.4734

Table 5. Continued

(g) Continued

TEST 1802 RUN 137 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1002	0.0104	-0.0442
-4.00	0.0000	0.0000	0.0000	-0.0792	0.0082	-0.0357
-3.00	0.0000	0.0000	0.0000	-0.0606	0.0060	-0.0277
-2.00	0.0000	0.0000	0.0000	-0.0358	0.0039	-0.0186
-1.00	0.0000	0.0000	0.0000	-0.0162	0.0021	-0.0109
0.00	0.0000	0.0000	0.0000	0.0084	0.0004	-0.0022
1.00	0.0000	0.0000	0.0000	0.0225	-0.0007	0.0039
2.00	0.0000	0.0000	0.0000	0.0382	-0.0021	0.0107
3.00	0.0000	0.0000	0.0000	0.0582	-0.0042	0.0193
4.00	0.0000	0.0000	0.0000	0.0808	-0.0065	0.0284
5.00	0.0000	0.0000	0.0000	0.1020	-0.0088	0.0371
6.00	0.0000	0.0000	0.0000	0.1234	-0.0113	0.0461
8.00	0.0000	0.0000	0.0000	0.1700	-0.0159	0.0631
10.00	0.0000	0.0000	0.0000	0.2192	-0.0205	0.0807
12.00	0.0000	0.0000	0.0000	0.2747	-0.0247	0.0978
14.00	0.0000	0.0000	0.0000	0.3239	-0.0289	0.1139
16.00	0.0000	0.0000	0.0000	0.3756	-0.0328	0.1286
18.00	0.0000	0.0000	0.0000	0.4259	-0.0381	0.1404
20.00	0.0000	0.0000	0.0000	0.4711	-0.0440	0.1544
22.00	0.0000	0.0000	0.0000	0.5108	-0.0495	0.1715
24.00	0.0000	0.0000	0.0000	0.5619	-0.0541	0.1886
26.00	0.0000	0.0000	0.0000	0.6127	-0.0601	0.2075
28.00	0.0000	0.0000	0.0000	0.6671	-0.0654	0.2264
30.00	0.0000	0.0000	0.0000	0.7186	-0.0700	0.2442
35.00	0.0000	0.0000	0.0000	0.8308	-0.0810	0.2871
40.00	0.0000	0.0000	0.0000	0.9409	-0.0986	0.3335
45.00	0.0000	0.0000	0.0000	1.0388	-0.1218	0.3833
50.00	0.0000	0.0000	0.0000	1.1119	-0.1366	0.4225
55.00	0.0000	0.0000	0.0000	1.1439	-0.1506	0.4502
60.00	0.0000	0.0000	0.0000	1.1422	-0.1594	0.4631
65.00	0.0000	0.0000	0.0000	1.1083	-0.1633	0.4606
70.00	0.0000	0.0000	0.0000	1.0702	-0.1677	0.4521
75.00	0.0000	0.0000	0.0000	1.0271	-0.1724	0.4397
80.00	0.0000	0.0000	0.0000	0.9982	-0.1807	0.4317
85.00	0.0000	0.0000	0.0000	0.9855	-0.1974	0.4317
90.00	0.0000	0.0000	0.0000	0.9853	-0.2129	0.4367
95.00	0.0000	0.0000	0.0000	0.9962	-0.2295	0.4439

Table 5. Continued

(g) Continued

TEST 1629 RUN 162 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0991	0.0076	-0.0353
-4.00	0.0000	0.0000	0.0000	-0.0819	0.0059	-0.0283
-3.00	0.0000	0.0000	0.0000	-0.0557	0.0043	-0.0196
-2.00	0.0000	0.0000	0.0000	-0.0304	0.0026	-0.0108
-1.00	0.0000	0.0000	0.0000	-0.0137	0.0014	-0.0045
0.00	0.0000	0.0000	0.0000	-0.0026	-0.0002	0.0004
1.00	0.0000	0.0000	0.0000	0.0195	-0.0016	0.0080
2.00	0.0000	0.0000	0.0000	0.0395	-0.0036	0.0159
3.00	0.0000	0.0000	0.0000	0.0567	-0.0053	0.0231
4.00	0.0000	0.0000	0.0000	0.0780	-0.0073	0.0314
5.00	0.0000	0.0000	0.0000	0.0967	-0.0096	0.0391
6.00	0.0000	0.0000	0.0000	0.1124	-0.0117	0.0460
8.00	0.0000	0.0000	0.0000	0.1469	-0.0159	0.0606
10.00	0.0000	0.0000	0.0000	0.1916	-0.0195	0.0750
12.00	0.0000	0.0000	0.0000	0.2284	-0.0230	0.0878
14.00	0.0000	0.0000	0.0000	0.2771	-0.0259	0.1012
16.00	0.0000	0.0000	0.0000	0.3340	-0.0300	0.1143
18.00	0.0000	0.0000	0.0000	0.3792	-0.0343	0.1266
20.00	0.0000	0.0000	0.0000	0.4090	-0.0394	0.1412
22.00	0.0000	0.0000	0.0000	0.4491	-0.0438	0.1565
24.00	0.0000	0.0000	0.0000	0.4960	-0.0493	0.1745
26.00	0.0000	0.0000	0.0000	0.5421	-0.0549	0.1920
28.00	0.0000	0.0000	0.0000	0.5898	-0.0599	0.2097
30.00	0.0000	0.0000	0.0000	0.6345	-0.0652	0.2276
35.00	0.0000	0.0000	0.0000	0.7489	-0.0802	0.2758
40.00	0.0000	0.0000	0.0000	0.8529	-0.0966	0.3235
45.00	0.0000	0.0000	0.0000	0.9438	-0.1176	0.3710
50.00	0.0000	0.0000	0.0000	1.0021	-0.1344	0.4087
55.00	0.0000	0.0000	0.0000	1.0298	-0.1470	0.4337
60.00	0.0000	0.0000	0.0000	1.0133	-0.1534	0.4394
65.00	0.0000	0.0000	0.0000	0.9700	-0.1559	0.4292
70.00	0.0000	0.0000	0.0000	0.9049	-0.1570	0.4095
75.00	0.0000	0.0000	0.0000	0.8543	-0.1605	0.3927
80.00	0.0000	0.0000	0.0000	0.8245	-0.1733	0.3860
85.00	0.0000	0.0000	0.0000	0.8080	-0.1875	0.3839
90.00	0.0000	0.0000	0.0000	0.8230	-0.2092	0.3949
95.00	0.0000	0.0000	0.0000	0.8519	-0.2296	0.4107

Table 5. Continued

(g) Continued

TEST 1629 RUN 163 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0712	0.0052	-0.0279
-4.00	0.0000	0.0000	0.0000	-0.0581	0.0038	-0.0222
-3.00	0.0000	0.0000	0.0000	-0.0398	0.0027	-0.0150
-2.00	0.0000	0.0000	0.0000	-0.0159	0.0014	-0.0077
-1.00	0.0000	0.0000	0.0000	0.0030	0.0004	-0.0015
0.00	0.0000	0.0000	0.0000	0.0069	-0.0005	0.0022
1.00	0.0000	0.0000	0.0000	0.0201	-0.0013	0.0078
2.00	0.0000	0.0000	0.0000	0.0409	-0.0024	0.0147
3.00	0.0000	0.0000	0.0000	0.0621	-0.0038	0.0222
4.00	0.0000	0.0000	0.0000	0.0782	-0.0054	0.0284
5.00	0.0000	0.0000	0.0000	0.0882	-0.0072	0.0336
6.00	0.0000	0.0000	0.0000	0.0960	-0.0091	0.0392
8.00	0.0000	0.0000	0.0000	0.1295	-0.0120	0.0515
10.00	0.0000	0.0000	0.0000	0.1646	-0.0149	0.0638
12.00	0.0000	0.0000	0.0000	0.1944	-0.0176	0.0745
14.00	0.0000	0.0000	0.0000	0.2415	-0.0204	0.0869
16.00	0.0000	0.0000	0.0000	0.2989	-0.0231	0.1005
18.00	0.0000	0.0000	0.0000	0.3408	-0.0266	0.1132
20.00	0.0000	0.0000	0.0000	0.3681	-0.0303	0.1261
22.00	0.0000	0.0000	0.0000	0.4108	-0.0343	0.1421
24.00	0.0000	0.0000	0.0000	0.4484	-0.0389	0.1585
26.00	0.0000	0.0000	0.0000	0.4878	-0.0437	0.1753
28.00	0.0000	0.0000	0.0000	0.5289	-0.0487	0.1936
30.00	0.0000	0.0000	0.0000	0.5746	-0.0544	0.2137
35.00	0.0000	0.0000	0.0000	0.6823	-0.0708	0.2658
40.00	0.0000	0.0000	0.0000	0.8065	-0.0923	0.3267
45.00	0.0000	0.0000	0.0000	0.9107	-0.1134	0.3835
50.00	0.0000	0.0000	0.0000	0.9902	-0.1351	0.4303
55.00	0.0000	0.0000	0.0000	1.0254	-0.1526	0.4604
60.00	0.0000	0.0000	0.0000	1.0183	-0.1618	0.4683
65.00	0.0000	0.0000	0.0000	0.9636	-0.1636	0.4510
70.00	0.0000	0.0000	0.0000	0.9050	-0.1670	0.4286
75.00	0.0000	0.0000	0.0000	0.8297	-0.1628	0.3983
80.00	0.0000	0.0000	0.0000	0.7927	-0.1792	0.3898
85.00	0.0000	0.0000	0.0000	0.7810	-0.1933	0.3878
90.00	0.0000	0.0000	0.0000	0.7800	-0.2130	0.3929
95.00	0.0000	0.0000	0.0000	0.8209	-0.2379	0.4166

Table 5. Continued

(g) Concluded

TEST 1629 RUN 165 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0690	0.0033	-0.0217
-4.00	0.0000	0.0000	0.0000	-0.0532	0.0023	-0.0165
-3.00	0.0000	0.0000	0.0000	-0.0435	0.0013	-0.0124
-2.00	0.0000	0.0000	0.0000	-0.0342	0.0003	-0.0065
-1.00	0.0000	0.0000	0.0000	-0.0110	-0.0003	-0.0006
0.00	0.0000	0.0000	0.0000	-0.0013	-0.0009	0.0033
1.00	0.0000	0.0000	0.0000	0.0105	-0.0016	0.0078
2.00	0.0000	0.0000	0.0000	0.0227	-0.0029	0.0130
3.00	0.0000	0.0000	0.0000	0.0349	-0.0038	0.0181
4.00	0.0000	0.0000	0.0000	0.0470	-0.0047	0.0230
5.00	0.0000	0.0000	0.0000	0.0570	-0.0052	0.0273
6.00	0.0000	0.0000	0.0000	0.0762	-0.0060	0.0324
8.00	0.0000	0.0000	0.0000	0.1087	-0.0080	0.0419
10.00	0.0000	0.0000	0.0000	0.1276	-0.0101	0.0495
12.00	0.0000	0.0000	0.0000	0.1501	-0.0126	0.0571
14.00	0.0000	0.0000	0.0000	0.1818	-0.0154	0.0682
16.00	0.0000	0.0000	0.0000	0.2259	-0.0186	0.0820
18.00	0.0000	0.0000	0.0000	0.2567	-0.0224	0.0945
20.00	0.0000	0.0000	0.0000	0.2958	-0.0264	0.1088
22.00	0.0000	0.0000	0.0000	0.3377	-0.0308	0.1245
24.00	0.0000	0.0000	0.0000	0.3776	-0.0360	0.1404
26.00	0.0000	0.0000	0.0000	0.4205	-0.0414	0.1580
28.00	0.0000	0.0000	0.0000	0.4773	-0.0471	0.1779
30.00	0.0000	0.0000	0.0000	0.5416	-0.0529	0.1988
35.00	0.0000	0.0000	0.0000	0.6567	-0.0675	0.2495
40.00	0.0000	0.0000	0.0000	0.7629	-0.0849	0.3056
45.00	0.0000	0.0000	0.0000	0.8611	-0.1055	0.3639
50.00	0.0000	0.0000	0.0000	0.9030	-0.1322	0.4136
55.00	0.0000	0.0000	0.0000	0.9032	-0.1559	0.4436
60.00	0.0000	0.0000	0.0000	0.8273	-0.1655	0.4286
65.00	0.0000	0.0000	0.0000	0.7415	-0.1670	0.3944
70.00	0.0000	0.0000	0.0000	0.6777	-0.1552	0.3577
75.00	0.0000	0.0000	0.0000	0.6055	-0.1526	0.3247
80.00	0.0000	0.0000	0.0000	0.5871	-0.1625	0.3169
85.00	0.0000	0.0000	0.0000	0.6450	-0.2022	0.3523
90.00	0.0000	0.0000	0.0000	0.6901	-0.2217	0.3777
95.00	0.0000	0.0000	0.0000	0.7120	-0.2295	0.3887

Table 5. Continued

(h) Fin 8

TEST 1058 RUN 11 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1952	0.0013	-0.0809
-4.00	0.0000	0.0000	0.0000	-0.1511	0.0016	-0.0645
-2.99	0.0000	0.0000	0.0000	-0.1047	0.0015	-0.0461
-2.01	0.0000	0.0000	0.0000	-0.0646	0.0014	-0.0292
-1.00	0.0000	0.0000	0.0000	-0.0309	0.0006	-0.0137
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0295	-0.0009	0.0133
2.01	0.0000	0.0000	0.0000	0.0588	-0.0015	0.0264
3.01	0.0000	0.0000	0.0000	0.0957	-0.0028	0.0419
4.00	0.0000	0.0000	0.0000	0.1375	-0.0036	0.0588
5.00	0.0000	0.0000	0.0000	0.1827	-0.0040	0.0769
6.00	0.0000	0.0000	0.0000	0.2273	-0.0041	0.0946
8.01	0.0000	0.0000	0.0000	0.3246	-0.0046	0.1319
10.00	0.0000	0.0000	0.0000	0.4293	-0.0041	0.1710
12.01	0.0000	0.0000	0.0000	0.5371	-0.0026	0.2086
14.00	0.0000	0.0000	0.0000	0.6436	0.0001	0.2441
16.00	0.0000	0.0000	0.0000	0.7473	0.0035	0.2778
18.01	0.0000	0.0000	0.0000	0.8513	0.0077	0.3100
20.00	0.0000	0.0000	0.0000	0.9535	0.0128	0.3401
22.00	0.0000	0.0000	0.0000	1.0483	0.0189	0.3669
24.00	0.0000	0.0000	0.0000	1.1334	0.0269	0.3876
26.00	0.0000	0.0000	0.0000	1.1300	0.0394	0.3635
28.01	0.0000	0.0000	0.0000	1.1716	0.0443	0.3625
30.00	0.0000	0.0000	0.0000	1.1783	0.0469	0.3503
35.00	0.0000	0.0000	0.0000	1.0598	0.0172	0.3138
39.00	0.0000	0.0000	0.0000	0.9984	-0.0032	0.3041
40.00	0.0000	0.0000	0.0000	0.9735	-0.0115	0.3002
45.00	0.0000	0.0000	0.0000	0.9881	-0.0303	0.3095
50.00	0.0000	0.0000	0.0000	1.0281	-0.0413	0.3244
55.00	0.0000	0.0000	0.0000	1.0652	-0.0538	0.3397
60.00	0.0000	0.0000	0.0000	1.0889	-0.0655	0.3514
65.00	0.0000	0.0000	0.0000	1.1020	-0.0770	0.3606
70.00	0.0000	0.0000	0.0000	1.1086	-0.0892	0.3690
75.00	0.0000	0.0000	0.0000	1.1194	-0.1059	0.3789
80.00	0.0000	0.0000	0.0000	1.1137	-0.1247	0.3835
85.00	0.0000	0.0000	0.0000	1.1036	-0.1470	0.3862
90.00	0.0000	0.0000	0.0000	1.1043	-0.1706	0.3890
95.00	0.0000	0.0000	0.0000	1.1160	-0.1872	0.3927

Table 5. Continued

(h) Continued

TEST 1058 RUN 10 M = 0.89 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2052	0.0079	-0.0892
-4.00	0.0000	0.0000	0.0000	-0.1554	0.0062	-0.0701
-3.01	0.0000	0.0000	0.0000	-0.1045	0.0043	-0.0493
-2.01	0.0000	0.0000	0.0000	-0.0611	0.0024	-0.0308
-1.00	0.0000	0.0000	0.0000	-0.0275	0.0005	-0.0139
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0329	-0.0014	0.0141
2.01	0.0000	0.0000	0.0000	0.0657	-0.0019	0.0281
3.01	0.0000	0.0000	0.0000	0.0989	-0.0041	0.0441
4.00	0.0000	0.0000	0.0000	0.1445	-0.0067	0.0628
5.00	0.0000	0.0000	0.0000	0.1949	-0.0092	0.0829
6.00	0.0000	0.0000	0.0000	0.2515	-0.0110	0.1036
8.01	0.0000	0.0000	0.0000	0.3656	-0.0158	0.1459
10.00	0.0000	0.0000	0.0000	0.4892	-0.0220	0.1910
12.01	0.0000	0.0000	0.0000	0.6092	-0.0271	0.2323
14.00	0.0000	0.0000	0.0000	0.7189	-0.0300	0.2685
16.00	0.0000	0.0000	0.0000	0.8351	-0.0335	0.3054
18.01	0.0000	0.0000	0.0000	0.9348	-0.0355	0.3368
20.00	0.0000	0.0000	0.0000	1.0377	-0.0364	0.3662
22.01	0.0000	0.0000	0.0000	1.1197	-0.0331	0.3877
24.00	0.0000	0.0000	0.0000	1.0725	0.0082	0.3494
26.00	0.0000	0.0000	0.0000	1.1340	0.0053	0.3616
28.01	0.0000	0.0000	0.0000	1.1499	-0.0003	0.3504
30.00	0.0000	0.0000	0.0000	1.1565	-0.0016	0.3430
35.00	0.0000	0.0000	0.0000	1.1626	-0.0194	0.3464
40.00	0.0000	0.0000	0.0000	1.0942	-0.0367	0.3359
45.00	0.0000	0.0000	0.0000	1.0821	-0.0463	0.3366
50.00	0.0000	0.0000	0.0000	1.1050	-0.0555	0.3478
55.00	0.0000	0.0000	0.0000	1.1468	-0.0666	0.3649
60.00	0.0000	0.0000	0.0000	1.1841	-0.0789	0.3816
65.00	0.0000	0.0000	0.0000	1.2035	-0.0911	0.3944
70.00	0.0000	0.0000	0.0000	1.2244	-0.1048	0.4085
75.00	0.0000	0.0000	0.0000	1.2146	-0.1236	0.4153
80.00	0.0000	0.0000	0.0000	1.1981	-0.1449	0.4182
85.00	0.0000	0.0000	0.0000	1.1966	-0.1692	0.4231
90.01	0.0000	0.0000	0.0000	1.2107	-0.1842	0.4263
95.00	0.0000	0.0000	0.0000	1.2269	-0.1962	0.4302

Table 5. Continued

(h) Continued

TEST 1058 RUN 9 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2046	0.0220	-0.0893
-4.00	0.0000	0.0000	0.0000	-0.1553	0.0179	-0.0709
-2.99	0.0000	0.0000	0.0000	-0.1106	0.0134	-0.0517
-2.01	0.0000	0.0000	0.0000	-0.0676	0.0086	-0.0327
-1.00	0.0000	0.0000	0.0000	-0.0341	0.0045	-0.0164
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0325	-0.0013	0.0130
2.01	0.0000	0.0000	0.0000	0.0735	-0.0060	0.0301
3.01	0.0000	0.0000	0.0000	0.1093	-0.0115	0.0470
4.00	0.0000	0.0000	0.0000	0.1481	-0.0165	0.0645
5.00	0.0000	0.0000	0.0000	0.1963	-0.0212	0.0837
6.00	0.0000	0.0000	0.0000	0.2510	-0.0255	0.1038
8.01	0.0000	0.0000	0.0000	0.3612	-0.0343	0.1433
10.00	0.0000	0.0000	0.0000	0.4719	-0.0424	0.1818
12.01	0.0000	0.0000	0.0000	0.5811	-0.0507	0.2181
14.00	0.0000	0.0000	0.0000	0.6825	-0.0597	0.2521
16.00	0.0000	0.0000	0.0000	0.7805	-0.0680	0.2844
18.01	0.0000	0.0000	0.0000	0.8715	-0.0751	0.3137
20.00	0.0000	0.0000	0.0000	0.9625	-0.0807	0.3404
22.01	0.0000	0.0000	0.0000	1.0417	-0.0855	0.3640
24.00	0.0000	0.0000	0.0000	1.1181	-0.0898	0.3853
26.00	0.0000	0.0000	0.0000	1.1902	-0.0929	0.4050
28.01	0.0000	0.0000	0.0000	1.2686	-0.0955	0.4236
30.00	0.0000	0.0000	0.0000	1.3373	-0.0961	0.4380
35.00	0.0000	0.0000	0.0000	1.4610	-0.1028	0.4594
40.00	0.0000	0.0000	0.0000	1.4748	-0.0873	0.4597
45.00	0.0000	0.0000	0.0000	1.5236	-0.1000	0.4813
50.00	0.0000	0.0000	0.0000	1.5489	-0.1116	0.4963
55.00	0.0000	0.0000	0.0000	1.5869	-0.1262	0.5155
60.00	0.0000	0.0000	0.0000	1.5764	-0.1376	0.5224
65.00	0.0000	0.0000	0.0000	1.5611	-0.1534	0.5297
70.00	0.0000	0.0000	0.0000	1.5391	-0.1701	0.5356
75.00	0.0000	0.0000	0.0000	1.5050	-0.1875	0.5355
80.00	0.0000	0.0000	0.0000	1.4847	-0.2081	0.5366
85.01	0.0000	0.0000	0.0000	1.4982	-0.2244	0.5418

Table 5. Continued

(h) Continued

TEST 1802 RUN 130 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1753	0.0152	-0.0789
-4.00	0.0000	0.0000	0.0000	-0.1449	0.0121	-0.0651
-3.00	0.0000	0.0000	0.0000	-0.1122	0.0088	-0.0506
-2.00	0.0000	0.0000	0.0000	-0.0726	0.0054	-0.0344
-1.00	0.0000	0.0000	0.0000	-0.0403	0.0022	-0.0193
0.00	0.0000	0.0000	0.0000	-0.0099	-0.0006	-0.0060
1.00	0.0000	0.0000	0.0000	0.0219	-0.0027	0.0077
2.00	0.0000	0.0000	0.0000	0.0584	-0.0060	0.0217
3.00	0.0000	0.0000	0.0000	0.0853	-0.0098	0.0361
4.00	0.0000	0.0000	0.0000	0.1177	-0.0132	0.0503
5.00	0.0000	0.0000	0.0000	0.1595	-0.0167	0.0667
6.00	0.0000	0.0000	0.0000	0.2022	-0.0206	0.0838
8.00	0.0000	0.0000	0.0000	0.2817	-0.0267	0.1134
10.00	0.0000	0.0000	0.0000	0.3606	-0.0324	0.1419
12.00	0.0000	0.0000	0.0000	0.4375	-0.0378	0.1678
14.00	0.0000	0.0000	0.0000	0.5139	-0.0431	0.1924
16.00	0.0000	0.0000	0.0000	0.5961	-0.0483	0.2172
20.00	0.0000	0.0000	0.0000	0.7418	-0.0586	0.2608
22.00	0.0000	0.0000	0.0000	0.8033	-0.0635	0.2801
24.00	0.0000	0.0000	0.0000	0.8713	-0.0695	0.3013
26.00	0.0000	0.0000	0.0000	0.9376	-0.0762	0.3217
28.00	0.0000	0.0000	0.0000	1.0020	-0.0825	0.3398
30.00	0.0000	0.0000	0.0000	1.0660	-0.0876	0.3531
35.00	0.0000	0.0000	0.0000	1.2042	-0.1045	0.3969
40.00	0.0000	0.0000	0.0000	1.3107	-0.1158	0.4397
45.00	0.0000	0.0000	0.0000	1.4013	-0.1292	0.4784
50.00	0.0000	0.0000	0.0000	1.4413	-0.1396	0.5020
55.00	0.0000	0.0000	0.0000	1.4573	-0.1552	0.5217
60.00	0.0000	0.0000	0.0000	1.4527	-0.1683	0.5352
65.00	0.0000	0.0000	0.0000	1.4209	-0.1800	0.5408
70.00	0.0000	0.0000	0.0000	1.3790	-0.1888	0.5394
75.00	0.0000	0.0000	0.0000	1.3370	-0.1984	0.5343
80.00	0.0000	0.0000	0.0000	1.3103	-0.2135	0.5316
85.00	0.0000	0.0000	0.0000	1.3033	-0.2271	0.5328
90.00	0.0000	0.0000	0.0000	1.3158	-0.2383	0.5375
95.00	0.0000	0.0000	0.0000	1.3432	-0.2487	0.5440

Table 5. Continued

(h) Continued

TEST 1802 RUN 131 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1403	0.0125	-0.0641
-4.00	0.0000	0.0000	0.0000	-0.1057	0.0100	-0.0516
-3.00	0.0000	0.0000	0.0000	-0.0784	0.0073	-0.0390
-2.00	0.0000	0.0000	0.0000	-0.0533	0.0049	-0.0271
-1.00	0.0000	0.0000	0.0000	-0.0296	0.0025	-0.0154
0.00	0.0000	0.0000	0.0000	-0.0013	0.0004	-0.0033
1.00	0.0000	0.0000	0.0000	0.0266	-0.0011	0.0078
2.00	0.0000	0.0000	0.0000	0.0553	-0.0035	0.0193
3.00	0.0000	0.0000	0.0000	0.0872	-0.0065	0.0331
4.00	0.0000	0.0000	0.0000	0.1148	-0.0090	0.0448
5.00	0.0000	0.0000	0.0000	0.1470	-0.0117	0.0581
6.00	0.0000	0.0000	0.0000	0.1828	-0.0141	0.0709
8.00	0.0000	0.0000	0.0000	0.2406	-0.0187	0.0933
10.00	0.0000	0.0000	0.0000	0.3074	-0.0233	0.1165
12.00	0.0000	0.0000	0.0000	0.3705	-0.0275	0.1370
14.00	0.0000	0.0000	0.0000	0.4363	-0.0321	0.1583
16.00	0.0000	0.0000	0.0000	0.4948	-0.0368	0.1781
18.00	0.0000	0.0000	0.0000	0.5539	-0.0412	0.1973
20.00	0.0000	0.0000	0.0000	0.6157	-0.0452	0.2160
22.00	0.0000	0.0000	0.0000	0.6759	-0.0487	0.2334
24.00	0.0000	0.0000	0.0000	0.7346	-0.0526	0.2508
26.00	0.0000	0.0000	0.0000	0.7877	-0.0569	0.2673
28.00	0.0000	0.0000	0.0000	0.8455	-0.0610	0.2836
30.00	0.0000	0.0000	0.0000	0.9039	-0.0649	0.2993
35.00	0.0000	0.0000	0.0000	1.0372	-0.0806	0.3452
40.00	0.0000	0.0000	0.0000	1.1926	-0.1027	0.4033
45.00	0.0000	0.0000	0.0000	1.3285	-0.1285	0.4621
50.00	0.0000	0.0000	0.0000	1.4127	-0.1449	0.5061
55.00	0.0000	0.0000	0.0000	1.4418	-0.1609	0.5353
60.00	0.0000	0.0000	0.0000	1.4154	-0.1734	0.5473
65.00	0.0000	0.0000	0.0000	1.3661	-0.1879	0.5493
70.00	0.0000	0.0000	0.0000	1.3041	-0.1937	0.5429
75.00	0.0000	0.0000	0.0000	1.2399	-0.2045	0.5306
80.00	0.0000	0.0000	0.0000	1.2085	-0.2161	0.5256
85.00	0.0000	0.0000	0.0000	1.1925	-0.2281	0.5235
90.00	0.0000	0.0000	0.0000	1.2012	-0.2388	0.5252
95.00	0.0000	0.0000	0.0000	1.2260	-0.2496	0.5314

Table 5. Continued

(h) Continued

TEST 1629 RUN 178 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1210	0.0088	-0.0554
-4.00	0.0000	0.0000	0.0000	-0.0995	0.0066	-0.0455
-3.00	0.0000	0.0000	0.0000	-0.0771	0.0042	-0.0350
-2.00	0.0000	0.0000	0.0000	-0.0553	0.0017	-0.0240
-1.00	0.0000	0.0000	0.0000	-0.0337	-0.0001	-0.0146
0.00	0.0000	0.0000	0.0000	-0.0048	-0.0013	-0.0031
1.00	0.0000	0.0000	0.0000	0.0199	-0.0032	0.0066
2.00	0.0000	0.0000	0.0000	0.0483	-0.0058	0.0179
3.00	0.0000	0.0000	0.0000	0.0730	-0.0086	0.0286
4.00	0.0000	0.0000	0.0000	0.1022	-0.0108	0.0397
5.00	0.0000	0.0000	0.0000	0.1315	-0.0128	0.0503
6.00	0.0000	0.0000	0.0000	0.1627	-0.0147	0.0610
8.00	0.0000	0.0000	0.0000	0.2776	-0.0221	0.0990
10.00	0.0000	0.0000	0.0000	0.2401	-0.0216	0.0958
12.00	0.0000	0.0000	0.0000	0.3334	-0.0264	0.1177
14.00	0.0000	0.0000	0.0000	0.3964	-0.0305	0.1358
16.00	0.0000	0.0000	0.0000	0.4495	-0.0351	0.1532
18.00	0.0000	0.0000	0.0000	0.5044	-0.0394	0.1707
20.00	0.0000	0.0000	0.0000	0.5577	-0.0446	0.1884
22.00	0.0000	0.0000	0.0000	0.6140	-0.0494	0.2055
24.00	0.0000	0.0000	0.0000	0.6758	-0.0549	0.2242
26.00	0.0000	0.0000	0.0000	0.7371	-0.0602	0.2431
28.00	0.0000	0.0000	0.0000	0.7851	-0.0643	0.2588
30.00	0.0000	0.0000	0.0000	0.8363	-0.0684	0.2748
35.00	0.0000	0.0000	0.0000	0.9741	-0.0806	0.3203
40.00	0.0000	0.0000	0.0000	1.0987	-0.0994	0.3714
45.00	0.0000	0.0000	0.0000	1.2491	-0.1276	0.4384
50.00	0.0000	0.0000	0.0000	1.3551	-0.1535	0.4991
55.00	0.0000	0.0000	0.0000	1.3729	-0.1690	0.5298
60.00	0.0000	0.0000	0.0000	1.3242	-0.1833	0.5368
65.00	0.0000	0.0000	0.0000	1.2500	-0.1970	0.5319
70.00	0.0000	0.0000	0.0000	1.1692	-0.2054	0.5181
75.00	0.0000	0.0000	0.0000	1.0765	-0.2157	0.4980
80.00	0.0000	0.0000	0.0000	1.0589	-0.2310	0.4977
85.00	0.0000	0.0000	0.0000	1.0347	-0.2362	0.4925
90.00	0.0000	0.0000	0.0000	1.0328	-0.2460	0.4926
94.80	0.0000	0.0000	0.0000	1.0487	-0.2551	0.4967

Table 5. Continued

(h) Continued

TEST 1629 RUN 179 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1030	0.0066	-0.0393
-4.00	0.0000	0.0000	0.0000	-0.0837	0.0052	-0.0311
-3.00	0.0000	0.0000	0.0000	-0.0699	0.0038	-0.0232
-2.00	0.0000	0.0000	0.0000	-0.0499	0.0021	-0.0143
-1.00	0.0000	0.0000	0.0000	-0.0377	0.0007	-0.0065
0.00	0.0000	0.0000	0.0000	-0.0135	-0.0007	0.0030
1.00	0.0000	0.0000	0.0000	0.0087	-0.0025	0.0116
2.00	0.0000	0.0000	0.0000	0.0284	-0.0042	0.0198
3.00	0.0000	0.0000	0.0000	0.0513	-0.0056	0.0288
4.00	0.0000	0.0000	0.0000	0.0755	-0.0069	0.0376
5.00	0.0000	0.0000	0.0000	0.0950	-0.0081	0.0454
6.00	0.0000	0.0000	0.0000	0.1171	-0.0091	0.0533
8.00	0.0000	0.0000	0.0000	0.1614	-0.0115	0.0690
10.00	0.0000	0.0000	0.0000	0.2104	-0.0143	0.0853
12.00	0.0000	0.0000	0.0000	0.2584	-0.0172	0.1009
14.00	0.0000	0.0000	0.0000	0.3039	-0.0201	0.1157
16.00	0.0000	0.0000	0.0000	0.3476	-0.0233	0.1302
18.00	0.0000	0.0000	0.0000	0.3994	-0.0272	0.1462
20.00	0.0000	0.0000	0.0000	0.4461	-0.0311	0.1621
22.00	0.0000	0.0000	0.0000	0.5030	-0.0357	0.1794
24.00	0.0000	0.0000	0.0000	0.5548	-0.0404	0.1963
26.00	0.0000	0.0000	0.0000	0.6102	-0.0458	0.2143
28.00	0.0000	0.0000	0.0000	0.6600	-0.0522	0.2327
30.00	0.0000	0.0000	0.0000	0.7056	-0.0579	0.2507
35.00	0.0000	0.0000	0.0000	0.8493	-0.0717	0.2993
40.00	0.0000	0.0000	0.0000	0.9942	-0.0866	0.3517
45.00	0.0000	0.0000	0.0000	1.1340	-0.1044	0.4105
50.00	0.0000	0.0000	0.0000	1.2828	-0.1321	0.4873
55.00	0.0000	0.0000	0.0000	1.3966	-0.1714	0.5724
60.00	0.0000	0.0000	0.0000	1.3702	-0.1979	0.6029
65.00	0.0000	0.0000	0.0000	1.2681	-0.2207	0.5924
70.00	0.0000	0.0000	0.0000	1.1478	-0.2205	0.5620
75.00	0.0000	0.0000	0.0000	1.0473	-0.2420	0.5370
80.00	0.0000	0.0000	0.0000	1.0106	-0.2456	0.5306
85.00	0.0000	0.0000	0.0000	0.9532	-0.2528	0.5144
90.00	0.0000	0.0000	0.0000	0.9445	-0.2642	0.5145
95.00	0.0000	0.0000	0.0000	0.9592	-0.2746	0.5206

Table 5. Continued

(h) Concluded

TEST 1629 RUN 180 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0830	0.0037	-0.0344
-4.00	0.0000	0.0000	0.0000	-0.0715	0.0030	-0.0290
-3.00	0.0000	0.0000	0.0000	-0.0557	0.0020	-0.0223
-2.00	0.0000	0.0000	0.0000	-0.0402	0.0011	-0.0158
-1.00	0.0000	0.0000	0.0000	-0.0232	0.0003	-0.0091
0.00	0.0000	0.0000	0.0000	-0.0014	-0.0007	-0.0018
1.00	0.0000	0.0000	0.0000	0.0148	-0.0015	0.0045
2.00	0.0000	0.0000	0.0000	0.0345	-0.0021	0.0115
3.00	0.0000	0.0000	0.0000	0.0519	-0.0030	0.0182
4.00	0.0000	0.0000	0.0000	0.0695	-0.0039	0.0251
5.00	0.0000	0.0000	0.0000	0.0984	-0.0049	0.0330
6.00	0.0000	0.0000	0.0000	0.1141	-0.0056	0.0392
8.00	0.0000	0.0000	0.0000	0.1550	-0.0079	0.0528
10.00	0.0000	0.0000	0.0000	0.1927	-0.0101	0.0661
12.00	0.0000	0.0000	0.0000	0.2334	-0.0125	0.0796
14.00	0.0000	0.0000	0.0000	0.2774	-0.0148	0.0933
16.00	0.0000	0.0000	0.0000	0.3208	-0.0180	0.1074
18.00	0.0000	0.0000	0.0000	0.3675	-0.0205	0.1215
20.00	0.0000	0.0000	0.0000	0.4168	-0.0238	0.1366
22.00	0.0000	0.0000	0.0000	0.4604	-0.0274	0.1513
24.00	0.0000	0.0000	0.0000	0.5025	-0.0319	0.1665
26.00	0.0000	0.0000	0.0000	0.5463	-0.0367	0.1827
28.00	0.0000	0.0000	0.0000	0.5867	-0.0418	0.1990
30.00	0.0000	0.0000	0.0000	0.6354	-0.0476	0.2174
35.00	0.0000	0.0000	0.0000	0.7699	-0.0640	0.2683
40.00	0.0000	0.0000	0.0000	0.9112	-0.0850	0.3273
45.00	0.0000	0.0000	0.0000	1.0479	-0.1061	0.3888
50.00	0.0000	0.0000	0.0000	1.1664	-0.1355	0.4543
55.00	0.0000	0.0000	0.0000	1.2603	-0.1770	0.5358
60.00	0.0000	0.0000	0.0000	1.2444	-0.2145	0.5843
65.00	0.0000	0.0000	0.0000	1.1564	-0.2397	0.5843
70.00	0.0000	0.0000	0.0000	1.0296	-0.2371	0.5543
75.00	0.0000	0.0000	0.0000	0.9255	-0.2424	0.5251
80.00	0.0000	0.0000	0.0000	0.8732	-0.2481	0.5132
85.00	0.0000	0.0000	0.0000	0.8306	-0.2517	0.5069
90.00	0.0000	0.0000	0.0000	0.8011	-0.2561	0.5030
95.00	0.0000	0.0000	0.0000	0.7850	-0.2628	0.5033

Table 5. Continued

(i) Fin 9

TEST 1058 RUN 62 M = 0.59 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2094	-0.0135	-0.0970
-4.02	0.0000	0.0000	0.0000	-0.1688	-0.0097	-0.0794
-3.01	0.0000	0.0000	0.0000	-0.1185	-0.0054	-0.0591
-1.99	0.0000	0.0000	0.0000	-0.0766	-0.0028	-0.0379
-1.02	0.0000	0.0000	0.0000	-0.0319	-0.0006	-0.0172
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.02	0.0000	0.0000	0.0000	0.0338	0.0013	0.0176
1.99	0.0000	0.0000	0.0000	0.0657	0.0035	0.0366
3.01	0.0000	0.0000	0.0000	0.1149	0.0071	0.0583
4.02	0.0000	0.0000	0.0000	0.1682	0.0116	0.0799
5.00	0.0000	0.0000	0.0000	0.2208	0.0167	0.0994
6.02	0.0000	0.0000	0.0000	0.2677	0.0220	0.1184
8.01	0.0000	0.0000	0.0000	0.3939	0.0339	0.1599
10.00	0.0000	0.0000	0.0000	0.5106	0.0458	0.1987
11.99	0.0000	0.0000	0.0000	0.6056	0.0638	0.2215
14.02	0.0000	0.0000	0.0000	0.6960	0.0726	0.2382
16.02	0.0000	0.0000	0.0000	0.8002	0.0803	0.2622
18.01	0.0000	0.0000	0.0000	0.8730	0.0879	0.2763
20.00	0.0000	0.0000	0.0000	0.9337	0.0898	0.2877
21.99	0.0000	0.0000	0.0000	0.9730	0.0866	0.2937
24.02	0.0000	0.0000	0.0000	0.9727	0.0743	0.2893
26.02	0.0000	0.0000	0.0000	0.9309	0.0499	0.2809
28.01	0.0000	0.0000	0.0000	0.9422	0.0360	0.2856
30.00	0.0000	0.0000	0.0000	0.9326	0.0281	0.2853
35.00	0.0000	0.0000	0.0000	0.9148	0.0183	0.2842
40.00	0.0000	0.0000	0.0000	0.9036	0.0088	0.2871
45.00	0.0000	0.0000	0.0000	0.9494	0.0008	0.3035
50.00	0.0000	0.0000	0.0000	0.9762	-0.0080	0.3135
55.00	0.0000	0.0000	0.0000	0.9942	-0.0195	0.3239
60.00	0.0000	0.0000	0.0000	1.0229	-0.0333	0.3378
65.00	0.0000	0.0000	0.0000	1.0465	-0.0508	0.3523
70.00	0.0000	0.0000	0.0000	1.0586	-0.0720	0.3638
75.00	0.0000	0.0000	0.0000	1.0677	-0.0916	0.3721
80.00	0.0000	0.0000	0.0000	1.0866	-0.1056	0.3798
85.00	0.0000	0.0000	0.0000	1.1002	-0.1192	0.3859
90.00	0.0000	0.0000	0.0000	1.1059	-0.1300	0.3886
95.00	0.0000	0.0000	0.0000	1.1162	-0.1406	0.3915

Table 5. Continued

(i) Continued

TEST 1058 RUN 61 M = 0.89 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2545	-0.0018	-0.1141
-4.02	0.0000	0.0000	0.0000	-0.1976	-0.0004	-0.0934
-3.01	0.0000	0.0000	0.0000	-0.1399	-0.0002	-0.0700
-1.99	0.0000	0.0000	0.0000	-0.0869	0.0011	-0.0446
-1.02	0.0000	0.0000	0.0000	-0.0400	0.0002	-0.0212
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.02	0.0000	0.0000	0.0000	0.0422	-0.0008	0.0222
1.99	0.0000	0.0000	0.0000	0.0855	0.0012	0.0421
3.01	0.0000	0.0000	0.0000	0.1437	0.0026	0.0667
4.02	0.0000	0.0000	0.0000	0.2021	0.0062	0.0907
5.00	0.0000	0.0000	0.0000	0.2505	0.0112	0.1131
6.02	0.0000	0.0000	0.0000	0.3128	0.0143	0.1381
8.01	0.0000	0.0000	0.0000	0.4160	0.0219	0.1857
10.00	0.0000	0.0000	0.0000	0.5550	0.0271	0.2359
11.99	0.0000	0.0000	0.0000	0.6519	0.0574	0.2368
14.02	0.0000	0.0000	0.0000	0.7115	0.0592	0.2465
16.02	0.0000	0.0000	0.0000	0.8039	0.0553	0.2705
18.01	0.0000	0.0000	0.0000	0.8751	0.0570	0.2848
20.00	0.0000	0.0000	0.0000	0.9210	0.0543	0.2963
21.99	0.0000	0.0000	0.0000	0.9847	0.0469	0.3079
24.02	0.0000	0.0000	0.0000	0.9798	0.0366	0.3091
26.02	0.0000	0.0000	0.0000	1.0036	0.0309	0.3145
28.01	0.0000	0.0000	0.0000	1.0067	0.0182	0.3166
30.00	0.0000	0.0000	0.0000	1.0322	0.0109	0.3255
35.00	0.0000	0.0000	0.0000	1.0383	0.0041	0.3305
40.00	0.0000	0.0000	0.0000	1.0228	0.0040	0.3284
45.00	0.0000	0.0000	0.0000	1.0288	-0.0031	0.3342
50.00	0.0000	0.0000	0.0000	1.0536	-0.0126	0.3472
55.00	0.0000	0.0000	0.0000	1.0915	-0.0247	0.3638
60.00	0.0000	0.0000	0.0000	1.1314	-0.0411	0.3811
65.00	0.0000	0.0000	0.0000	1.1495	-0.0606	0.3961
70.00	0.0000	0.0000	0.0000	1.1640	-0.0803	0.4069
75.00	0.0000	0.0000	0.0000	1.1748	-0.0977	0.4157
80.00	0.0000	0.0000	0.0000	1.1859	-0.1118	0.4221
85.00	0.0000	0.0000	0.0000	1.2103	-0.1243	0.4273
90.00	0.0000	0.0000	0.0000	1.2275	-0.1345	0.4328
95.00	0.0000	0.0000	0.0000	1.2294	-0.1420	0.4319

Table 5. Continued

(i) Continued

TEST 1058 RUN 63 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2107	0.0127	-0.1089
-4.01	0.0000	0.0000	0.0000	-0.1651	0.0104	-0.0883
-3.00	0.0000	0.0000	0.0000	-0.1057	0.0076	-0.0626
-2.00	0.0000	0.0000	0.0000	-0.0681	0.0046	-0.0403
-1.00	0.0000	0.0000	0.0000	-0.0296	0.0013	-0.0173
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0353	0.0008	0.0174
2.00	0.0000	0.0000	0.0000	0.0730	-0.0025	0.0387
3.00	0.0000	0.0000	0.0000	0.1221	-0.0045	0.0623
4.00	0.0000	0.0000	0.0000	0.1735	-0.0066	0.0858
5.00	0.0000	0.0000	0.0000	0.2259	-0.0085	0.1092
6.00	0.0000	0.0000	0.0000	0.2814	-0.0095	0.1310
8.00	0.0000	0.0000	0.0000	0.3910	-0.0112	0.1728
10.00	0.0000	0.0000	0.0000	0.4962	-0.0131	0.2097
12.00	0.0000	0.0000	0.0000	0.6004	-0.0169	0.2455
14.00	0.0000	0.0000	0.0000	0.7073	-0.0201	0.2781
16.00	0.0000	0.0000	0.0000	0.8077	-0.0280	0.3121
18.00	0.0000	0.0000	0.0000	0.9068	-0.0366	0.3438
20.00	0.0000	0.0000	0.0000	0.9690	-0.0289	0.3512
22.00	0.0000	0.0000	0.0000	1.0483	-0.0293	0.3703
24.00	0.0000	0.0000	0.0000	1.1211	-0.0289	0.3876
26.00	0.0000	0.0000	0.0000	1.1744	-0.0251	0.3968
28.00	0.0000	0.0000	0.0000	1.2405	-0.0325	0.4155
30.00	0.0000	0.0000	0.0000	1.2983	-0.0381	0.4307
35.00	0.0000	0.0000	0.0000	1.3935	-0.0314	0.4421
40.00	0.0000	0.0000	0.0000	1.4886	-0.0523	0.4753
45.00	0.0000	0.0000	0.0000	1.5295	-0.0645	0.4914
50.00	0.0000	0.0000	0.0000	1.5565	-0.0752	0.5040
55.00	0.0000	0.0000	0.0000	1.5902	-0.0922	0.5192
60.00	0.0000	0.0000	0.0000	1.6035	-0.1096	0.5306
65.00	0.0000	0.0000	0.0000	1.6041	-0.1280	0.5397
70.00	0.0000	0.0000	0.0000	1.5908	-0.1489	0.5477
75.00	0.0000	0.0000	0.0000	1.5971	-0.1640	0.5544
80.00	0.0000	0.0000	0.0000	1.5968	-0.1767	0.5593
85.00	0.0000	0.0000	0.0000	1.6069	-0.1843	0.5625
90.00	0.0000	0.0000	0.0000	1.6123	-0.1901	0.5633
95.00	0.0000	0.0000	0.0000	1.6170	-0.1977	0.5645

Table 5. Continued

(i) Continued

TEST 1802 RUN 142 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2685	0.0177	-0.0987
-4.00	0.0000	0.0000	0.0000	-0.2134	0.0148	-0.0816
-3.00	0.0000	0.0000	0.0000	-0.1619	0.0112	-0.0631
-2.00	0.0000	0.0000	0.0000	-0.1131	0.0081	-0.0446
-1.00	0.0000	0.0000	0.0000	-0.0652	0.0047	-0.0268
0.00	0.0000	0.0000	0.0000	-0.0188	0.0009	-0.0076
1.00	0.0000	0.0000	0.0000	0.0232	-0.0008	0.0071
2.00	0.0000	0.0000	0.0000	0.0644	-0.0038	0.0245
3.00	0.0000	0.0000	0.0000	0.1132	-0.0076	0.0440
4.00	0.0000	0.0000	0.0000	0.1652	-0.0106	0.0617
5.00	0.0000	0.0000	0.0000	0.2131	-0.0138	0.0791
6.00	0.0000	0.0000	0.0000	0.2638	-0.0177	0.0975
8.00	0.0000	0.0000	0.0000	0.3615	-0.0241	0.1312
10.00	0.0000	0.0000	0.0000	0.4580	-0.0303	0.1629
12.00	0.0000	0.0000	0.0000	0.5447	-0.0370	0.1931
14.00	0.0000	0.0000	0.0000	0.6346	-0.0420	0.2190
16.00	0.0000	0.0000	0.0000	0.7203	-0.0461	0.2426
18.00	0.0000	0.0000	0.0000	0.8016	-0.0500	0.2652
20.00	0.0000	0.0000	0.0000	0.8808	-0.0544	0.2873
22.00	0.0000	0.0000	0.0000	0.9526	-0.0589	0.3080
24.00	0.0000	0.0000	0.0000	1.0265	-0.0648	0.3294
26.00	0.0000	0.0000	0.0000	1.0954	-0.0690	0.3478
28.00	0.0000	0.0000	0.0000	1.1540	-0.0745	0.3644
30.00	0.0000	0.0000	0.0000	1.2205	-0.0842	0.3849
35.00	0.0000	0.0000	0.0000	1.3601	-0.0927	0.4207
40.00	0.0000	0.0000	0.0000	1.4866	-0.1076	0.4616
45.00	0.0000	0.0000	0.0000	1.5882	-0.1247	0.5015
50.00	0.0000	0.0000	0.0000	1.6305	-0.1365	0.5238
55.00	0.0000	0.0000	0.0000	1.6498	-0.1506	0.5421
60.00	0.0000	0.0000	0.0000	1.6489	-0.1660	0.5553
65.00	0.0000	0.0000	0.0000	1.6377	-0.1794	0.5637
70.00	0.0000	0.0000	0.0000	1.6043	-0.1934	0.5659
75.00	0.0000	0.0000	0.0000	1.5651	-0.2079	0.5644
80.00	0.0000	0.0000	0.0000	1.5457	-0.2192	0.5654
85.00	0.0000	0.0000	0.0000	1.5490	-0.2295	0.5691
90.00	0.0000	0.0000	0.0000	1.5529	-0.2391	0.5722
95.00	0.0000	0.0000	0.0000	1.5843	-0.2480	0.5793

Table 5. Continued

(i) Continued

TEST 1802 RUN 143 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2237	0.0121	-0.0746
-4.00	0.0000	0.0000	0.0000	-0.1921	0.0101	-0.0638
-3.00	0.0000	0.0000	0.0000	-0.1441	0.0077	-0.0492
-2.00	0.0000	0.0000	0.0000	-0.0992	0.0055	-0.0355
-1.00	0.0000	0.0000	0.0000	-0.0584	0.0033	-0.0215
0.00	0.0000	0.0000	0.0000	-0.0172	0.0012	-0.0074
1.00	0.0000	0.0000	0.0000	0.0190	-0.0005	0.0073
2.00	0.0000	0.0000	0.0000	0.0594	-0.0025	0.0216
3.00	0.0000	0.0000	0.0000	0.0948	-0.0051	0.0350
4.00	0.0000	0.0000	0.0000	0.1305	-0.0075	0.0479
5.00	0.0000	0.0000	0.0000	0.1710	-0.0100	0.0614
6.00	0.0000	0.0000	0.0000	0.2085	-0.0124	0.0745
8.00	0.0000	0.0000	0.0000	0.2821	-0.0172	0.0990
10.00	0.0000	0.0000	0.0000	0.3534	-0.0222	0.1238
12.00	0.0000	0.0000	0.0000	0.4277	-0.0266	0.1468
14.00	0.0000	0.0000	0.0000	0.5036	-0.0310	0.1692
16.00	0.0000	0.0000	0.0000	0.5776	-0.0357	0.1912
18.00	0.0000	0.0000	0.0000	0.6412	-0.0405	0.2116
20.00	0.0000	0.0000	0.0000	0.7073	-0.0451	0.2314
22.00	0.0000	0.0000	0.0000	0.7755	-0.0502	0.2515
24.00	0.0000	0.0000	0.0000	0.8382	-0.0554	0.2712
26.00	0.0000	0.0000	0.0000	0.8984	-0.0601	0.2892
28.00	0.0000	0.0000	0.0000	0.9600	-0.0653	0.3061
30.00	0.0000	0.0000	0.0000	1.0268	-0.0703	0.3233
35.00	0.0000	0.0000	0.0000	1.1628	-0.0829	0.3614
40.00	0.0000	0.0000	0.0000	1.3264	-0.1038	0.4159
45.00	0.0000	0.0000	0.0000	1.4808	-0.1255	0.4720
50.00	0.0000	0.0000	0.0000	1.6004	-0.1436	0.5247
55.00	0.0000	0.0000	0.0000	1.6470	-0.1656	0.5585
60.00	0.0000	0.0000	0.0000	1.6447	-0.1833	0.5738
65.00	0.0000	0.0000	0.0000	1.6284	-0.1965	0.5803
70.00	0.0000	0.0000	0.0000	1.5749	-0.2069	0.5762
75.00	0.0000	0.0000	0.0000	1.5185	-0.2211	0.5697
80.00	0.0000	0.0000	0.0000	1.4861	-0.2341	0.5667
85.00	0.0000	0.0000	0.0000	1.4796	-0.2426	0.5672
90.00	0.0000	0.0000	0.0000	1.4767	-0.2519	0.5676
95.00	0.0000	0.0000	0.0000	1.4972	-0.2621	0.5723

Table 5. Continued

(i) Continued

TEST 1629 RUN 186 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1887	0.0072	-0.0612
-4.00	0.0000	0.0000	0.0000	-0.1428	0.0060	-0.0489
-3.00	0.0000	0.0000	0.0000	-0.1114	0.0047	-0.0382
-2.00	0.0000	0.0000	0.0000	-0.0728	0.0031	-0.0254
-1.00	0.0000	0.0000	0.0000	-0.0374	0.0019	-0.0133
0.00	0.0000	0.0000	0.0000	-0.0052	0.0006	-0.0011
1.00	0.0000	0.0000	0.0000	0.0429	-0.0005	0.0122
2.00	0.0000	0.0000	0.0000	0.0748	-0.0023	0.0246
3.00	0.0000	0.0000	0.0000	0.1017	-0.0040	0.0353
4.00	0.0000	0.0000	0.0000	0.1442	-0.0054	0.0469
5.00	0.0000	0.0000	0.0000	0.1814	-0.0070	0.0589
6.00	0.0000	0.0000	0.0000	0.2122	-0.0093	0.0694
8.00	0.0000	0.0000	0.0000	0.2876	-0.0132	0.0917
10.00	0.0000	0.0000	0.0000	0.3560	-0.0166	0.1137
12.00	0.0000	0.0000	0.0000	0.4235	-0.0193	0.1336
14.00	0.0000	0.0000	0.0000	0.4859	-0.0231	0.1526
16.00	0.0000	0.0000	0.0000	0.5463	-0.0270	0.1716
18.00	0.0000	0.0000	0.0000	0.6078	-0.0311	0.1899
20.00	0.0000	0.0000	0.0000	0.6786	-0.0350	0.2091
22.00	0.0000	0.0000	0.0000	0.7362	-0.0389	0.2268
24.00	0.0000	0.0000	0.0000	0.7949	-0.0438	0.2451
26.00	0.0000	0.0000	0.0000	0.8607	-0.0489	0.2644
28.00	0.0000	0.0000	0.0000	0.9220	-0.0547	0.2832
30.00	0.0000	0.0000	0.0000	0.9790	-0.0592	0.3006
35.00	0.0000	0.0000	0.0000	1.1304	-0.0708	0.3418
40.00	0.0000	0.0000	0.0000	1.2906	-0.0868	0.3907
45.00	0.0000	0.0000	0.0000	1.4598	-0.1074	0.4473
50.00	0.0000	0.0000	0.0000	1.6368	-0.1279	0.5141
55.00	0.0000	0.0000	0.0000	1.7187	-0.1538	0.5639
60.00	0.0000	0.0000	0.0000	1.7008	-0.1736	0.5808
65.00	0.0000	0.0000	0.0000	1.6636	-0.1850	0.5818
70.00	0.0000	0.0000	0.0000	1.5833	-0.1932	0.5704
75.00	0.0000	0.0000	0.0000	1.4996	-0.2064	0.5572
80.00	0.0000	0.0000	0.0000	1.4626	-0.2165	0.5537
85.00	0.0000	0.0000	0.0000	1.4749	-0.2234	0.5550
90.00	0.0000	0.0000	0.0000	1.4708	-0.2314	0.5563
95.00	0.0000	0.0000	0.0000	1.4725	-0.2386	0.5586

Table 5. Continued

(i) Continued

TEST 1629 RUN 187 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1206	0.0042	-0.0413
-4.00	0.0000	0.0000	0.0000	-0.0927	0.0033	-0.0322
-3.00	0.0000	0.0000	0.0000	-0.0706	0.0024	-0.0239
-2.00	0.0000	0.0000	0.0000	-0.0364	0.0015	-0.0139
-1.00	0.0000	0.0000	0.0000	-0.0190	0.0002	-0.0059
0.00	0.0000	0.0000	0.0000	0.0045	-0.0005	0.0031
1.00	0.0000	0.0000	0.0000	0.0261	-0.0017	0.0111
2.00	0.0000	0.0000	0.0000	0.0547	-0.0026	0.0204
3.00	0.0000	0.0000	0.0000	0.0826	-0.0033	0.0294
4.00	0.0000	0.0000	0.0000	0.1151	-0.0039	0.0385
5.00	0.0000	0.0000	0.0000	0.1458	-0.0047	0.0480
6.00	0.0000	0.0000	0.0000	0.1808	-0.0058	0.0581
8.00	0.0000	0.0000	0.0000	0.2502	-0.0083	0.0773
10.00	0.0000	0.0000	0.0000	0.3113	-0.0114	0.0964
12.00	0.0000	0.0000	0.0000	0.3700	-0.0144	0.1144
14.00	0.0000	0.0000	0.0000	0.4277	-0.0175	0.1325
16.00	0.0000	0.0000	0.0000	0.4857	-0.0208	0.1501
18.00	0.0000	0.0000	0.0000	0.5401	-0.0239	0.1671
20.00	0.0000	0.0000	0.0000	0.6022	-0.0275	0.1850
22.00	0.0000	0.0000	0.0000	0.6563	-0.0309	0.2012
24.00	0.0000	0.0000	0.0000	0.7174	-0.0346	0.2186
26.00	0.0000	0.0000	0.0000	0.7786	-0.0384	0.2358
28.00	0.0000	0.0000	0.0000	0.8330	-0.0437	0.2529
30.00	0.0000	0.0000	0.0000	0.8868	-0.0487	0.2705
35.00	0.0000	0.0000	0.0000	1.0567	-0.0637	0.3213
40.00	0.0000	0.0000	0.0000	1.2317	-0.0756	0.3722
45.00	0.0000	0.0000	0.0000	1.3979	-0.0929	0.4249
50.00	0.0000	0.0000	0.0000	1.5872	-0.1120	0.4884
55.00	0.0000	0.0000	0.0000	1.7722	-0.1406	0.5685
60.00	0.0000	0.0000	0.0000	1.8229	-0.1777	0.6288
65.00	0.0000	0.0000	0.0000	1.7825	-0.2097	0.6489
70.00	0.0000	0.0000	0.0000	1.6497	-0.2168	0.6267
75.00	0.0000	0.0000	0.0000	1.5347	-0.2328	0.6043
80.00	0.0000	0.0000	0.0000	1.4996	-0.2397	0.6001
85.00	0.0000	0.0000	0.0000	1.4489	-0.2436	0.5930
90.00	0.0000	0.0000	0.0000	1.4263	-0.2510	0.5911
95.00	0.0000	0.0000	0.0000	1.4425	-0.2611	0.5964

Table 5. Continued

(i) Concluded

TEST 1629 RUN 188 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0986	0.0037	-0.0294
-4.00	0.0000	0.0000	0.0000	-0.0813	0.0036	-0.0229
-3.00	0.0000	0.0000	0.0000	-0.0847	0.0020	-0.0185
-2.00	0.0000	0.0000	0.0000	-0.0417	0.0016	-0.0098
-1.00	0.0000	0.0000	0.0000	-0.0283	0.0009	-0.0035
0.00	0.0000	0.0000	0.0000	-0.0091	0.0007	0.0020
1.00	0.0000	0.0000	0.0000	0.0032	-0.0003	0.0086
2.00	0.0000	0.0000	0.0000	0.0506	0.0004	0.0178
3.00	0.0000	0.0000	0.0000	0.0389	-0.0006	0.0211
4.00	0.0000	0.0000	0.0000	0.0475	-0.0015	0.0268
5.00	0.0000	0.0000	0.0000	0.0821	-0.0013	0.0343
6.00	0.0000	0.0000	0.0000	0.0897	-0.0020	0.0396
8.00	0.0000	0.0000	0.0000	0.1363	-0.0033	0.0533
10.00	0.0000	0.0000	0.0000	0.1955	-0.0048	0.0694
12.00	0.0000	0.0000	0.0000	0.2641	-0.0064	0.0871
14.00	0.0000	0.0000	0.0000	0.3178	-0.0086	0.1048
16.00	0.0000	0.0000	0.0000	0.3731	-0.0112	0.1222
18.00	0.0000	0.0000	0.0000	0.4241	-0.0144	0.1392
20.00	0.0000	0.0000	0.0000	0.4792	-0.0178	0.1571
22.00	0.0000	0.0000	0.0000	0.5158	-0.0218	0.1733
24.00	0.0000	0.0000	0.0000	0.5867	-0.0247	0.1925
26.00	0.0000	0.0000	0.0000	0.6332	-0.0289	0.2104
28.00	0.0000	0.0000	0.0000	0.6905	-0.0341	0.2295
30.00	0.0000	0.0000	0.0000	0.7465	-0.0391	0.2473
35.00	0.0000	0.0000	0.0000	0.9086	-0.0530	0.2978
40.00	0.0000	0.0000	0.0000	1.0909	-0.0701	0.3557
45.00	0.0000	0.0000	0.0000	1.2630	-0.0900	0.4147
50.00	0.0000	0.0000	0.0000	1.4470	-0.1187	0.4841
55.00	0.0000	0.0000	0.0000	1.5784	-0.1551	0.5630
60.00	0.0000	0.0000	0.0000	1.6116	-0.2006	0.6265
65.00	0.0000	0.0000	0.0000	1.6094	-0.2266	0.6566
70.00	0.0000	0.0000	0.0000	1.4719	-0.2435	0.6422
75.00	0.0000	0.0000	0.0000	1.3755	-0.2497	0.6285
80.00	0.0000	0.0000	0.0000	1.3048	-0.2479	0.6213
85.00	0.0000	0.0000	0.0000	1.2351	-0.2412	0.6123
90.00	0.0000	0.0000	0.0000	1.1883	-0.2456	0.6067
95.00	0.0000	0.0000	0.0000	1.1709	-0.2560	0.6085

Table 5. Continued

(j) Fin 10

TEST 1058 RUN 74 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-4.99	0.0000	0.0000	0.0000	-0.0916	-0.0234	-0.0482
-4.00	0.0000	0.0000	0.0000	-0.0656	-0.0186	-0.0349
-3.00	0.0000	0.0000	0.0000	-0.0410	-0.0133	-0.0238
-2.00	0.0000	0.0000	0.0000	-0.0193	-0.0083	-0.0141
-1.00	0.0000	0.0000	0.0000	-0.0004	-0.0038	-0.0053
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0051	0.0038	0.0056
2.00	0.0000	0.0000	0.0000	0.0305	0.0081	0.0148
3.00	0.0000	0.0000	0.0000	0.0479	0.0130	0.0238
4.00	0.0000	0.0000	0.0000	0.0700	0.0180	0.0350
5.00	0.0000	0.0000	0.0000	0.0911	0.0230	0.0484
6.00	0.0000	0.0000	0.0000	0.1173	0.0283	0.0624
8.00	0.0000	0.0000	0.0000	0.1911	0.0387	0.0966
9.99	0.0000	0.0000	0.0000	0.2648	0.0490	0.1336
12.01	0.0000	0.0000	0.0000	0.3531	0.0599	0.1754
14.00	0.0000	0.0000	0.0000	0.4431	0.0704	0.2176
16.01	0.0000	0.0000	0.0000	0.5357	0.0812	0.2603
18.00	0.0000	0.0000	0.0000	0.6296	0.0922	0.3018
20.01	0.0000	0.0000	0.0000	0.7320	0.1035	0.3438
22.00	0.0000	0.0000	0.0000	0.8219	0.1151	0.3822
24.00	0.0000	0.0000	0.0000	0.9191	0.1270	0.4209
26.00	0.0000	0.0000	0.0000	1.0041	0.1391	0.4507
28.01	0.0000	0.0000	0.0000	1.0716	0.1486	0.4678
30.00	0.0000	0.0000	0.0000	1.1316	0.1507	0.4775
35.00	0.0000	0.0000	0.0000	1.1250	0.1256	0.4467
40.01	0.0000	0.0000	0.0000	0.9230	0.0589	0.3934
45.01	0.0000	0.0000	0.0000	0.9448	0.0492	0.4099
50.00	0.0000	0.0000	0.0000	0.9730	0.0432	0.4257
55.01	0.0000	0.0000	0.0000	0.9980	0.0358	0.4437
60.01	0.0000	0.0000	0.0000	1.0189	0.0272	0.4612
65.01	0.0000	0.0000	0.0000	1.0434	0.0175	0.4792
70.00	0.0000	0.0000	0.0000	1.0451	0.0064	0.4897
75.00	0.0000	0.0000	0.0000	1.0486	-0.0073	0.4989
80.01	0.0000	0.0000	0.0000	1.0348	-0.0227	0.5024
85.00	0.0000	0.0000	0.0000	1.0209	-0.0409	0.5017
90.00	0.0000	0.0000	0.0000	1.0023	-0.0579	0.4996
95.00	0.0000	0.0000	0.0000	0.9830	-0.0753	0.4942

Table 5. Continued

(j) Continued

TEST 1058 RUN 73 M = 0.89 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0952	-0.0254	-0.0484
-4.00	0.0000	0.0000	0.0000	-0.0691	-0.0200	-0.0360
-3.00	0.0000	0.0000	0.0000	-0.0449	-0.0143	-0.0243
-2.00	0.0000	0.0000	0.0000	-0.0218	-0.0090	-0.0140
-1.00	0.0000	0.0000	0.0000	-0.0034	-0.0043	-0.0053
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0109	0.0044	0.0055
2.00	0.0000	0.0000	0.0000	0.0327	0.0091	0.0141
3.00	0.0000	0.0000	0.0000	0.0490	0.0145	0.0233
4.00	0.0000	0.0000	0.0000	0.0688	0.0197	0.0346
5.00	0.0000	0.0000	0.0000	0.0948	0.0254	0.0478
6.00	0.0000	0.0000	0.0000	0.1210	0.0307	0.0629
8.00	0.0000	0.0000	0.0000	0.1986	0.0413	0.0987
10.00	0.0000	0.0000	0.0000	0.2716	0.0513	0.1360
12.00	0.0000	0.0000	0.0000	0.3549	0.0613	0.1769
14.01	0.0000	0.0000	0.0000	0.4542	0.0706	0.2224
16.00	0.0000	0.0000	0.0000	0.5449	0.0793	0.2662
18.00	0.0000	0.0000	0.0000	0.6503	0.0871	0.3100
20.00	0.0000	0.0000	0.0000	0.7402	0.0947	0.3513
22.00	0.0000	0.0000	0.0000	0.8407	0.1015	0.3926
24.00	0.0000	0.0000	0.0000	0.9271	0.1085	0.4254
26.00	0.0000	0.0000	0.0000	1.0136	0.1153	0.4538
28.00	0.0000	0.0000	0.0000	1.0784	0.1180	0.4704
30.01	0.0000	0.0000	0.0000	1.1205	0.1111	0.4728
35.00	0.0000	0.0000	0.0000	1.0942	0.0956	0.4411
40.00	0.0000	0.0000	0.0000	0.9527	0.0499	0.4098
45.00	0.0000	0.0000	0.0000	0.9963	0.0448	0.4311
50.00	0.0000	0.0000	0.0000	1.0485	0.0383	0.4590
55.00	0.0000	0.0000	0.0000	1.0958	0.0318	0.4861
60.00	0.0000	0.0000	0.0000	1.1243	0.0235	0.5092
65.00	0.0000	0.0000	0.0000	1.1438	0.0132	0.5291
70.00	0.0000	0.0000	0.0000	1.1332	0.0007	0.5383
75.00	0.0000	0.0000	0.0000	1.1251	-0.0125	0.5447
80.00	0.0000	0.0000	0.0000	1.1064	-0.0324	0.5473
85.00	0.0000	0.0000	0.0000	1.0947	-0.0471	0.5482
90.00	0.0000	0.0000	0.0000	1.0880	-0.0642	0.5487
95.00	0.0000	0.0000	0.0000	1.0795	-0.0838	0.5480

Table 5. Continued

(j) Continued

TEST 1058 RUN 72 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0971	-0.0218	-0.0531
-4.00	0.0000	0.0000	0.0000	-0.0666	-0.0182	-0.0380
-3.01	0.0000	0.0000	0.0000	-0.0397	-0.0136	-0.0256
-2.00	0.0000	0.0000	0.0000	-0.0226	-0.0088	-0.0156
-1.00	0.0000	0.0000	0.0000	-0.0057	-0.0043	-0.0067
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0076	0.0043	0.0065
2.00	0.0000	0.0000	0.0000	0.0313	0.0082	0.0163
3.02	0.0000	0.0000	0.0000	0.0548	0.0126	0.0271
4.01	0.0000	0.0000	0.0000	0.0823	0.0167	0.0392
5.01	0.0000	0.0000	0.0000	0.1130	0.0204	0.0549
6.00	0.0000	0.0000	0.0000	0.1479	0.0240	0.0720
8.00	0.0000	0.0000	0.0000	0.2180	0.0307	0.1079
10.00	0.0000	0.0000	0.0000	0.2997	0.0362	0.1465
12.00	0.0000	0.0000	0.0000	0.3838	0.0407	0.1862
14.00	0.0000	0.0000	0.0000	0.4696	0.0434	0.2262
16.01	0.0000	0.0000	0.0000	0.5552	0.0454	0.2655
17.00	0.0000	0.0000	0.0000	0.5981	0.0452	0.2842
18.00	0.0000	0.0000	0.0000	0.6338	0.0461	0.3013
20.00	0.0000	0.0000	0.0000	0.7160	0.0465	0.3370
22.00	0.0000	0.0000	0.0000	0.8006	0.0460	0.3715
24.00	0.0000	0.0000	0.0000	0.8831	0.0450	0.4045
26.00	0.0000	0.0000	0.0000	0.9667	0.0437	0.4366
28.00	0.0000	0.0000	0.0000	1.0405	0.0425	0.4670
30.00	0.0000	0.0000	0.0000	1.1105	0.0411	0.4869
35.01	0.0000	0.0000	0.0000	1.2650	0.0371	0.5344
40.00	0.0000	0.0000	0.0000	1.3438	0.0430	0.5751
45.00	0.0000	0.0000	0.0000	1.3909	0.0300	0.6087
50.00	0.0000	0.0000	0.0000	1.4144	0.0204	0.6276
55.01	0.0000	0.0000	0.0000	1.3949	0.0105	0.6315
60.01	0.0000	0.0000	0.0000	1.3952	0.0015	0.6477
65.02	0.0000	0.0000	0.0000	1.3840	-0.0080	0.6575
70.00	0.0000	0.0000	0.0000	1.3630	-0.0184	0.6606
75.01	0.0000	0.0000	0.0000	1.3201	-0.0296	0.6575
80.00	0.0000	0.0000	0.0000	1.2068	-0.0419	0.6465
85.00	0.0000	0.0000	0.0000	1.1622	-0.0536	0.6399
90.00	0.0000	0.0000	0.0000	1.1384	-0.0688	0.6347
95.00	0.0000	0.0000	0.0000	1.1369	-0.0875	0.6374

Table 5. Continued

(j) Continued

TEST 1802 RUN 138 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1232	-0.0119	-0.0612
-4.00	0.0000	0.0000	0.0000	-0.0931	-0.0104	-0.0463
-3.00	0.0000	0.0000	0.0000	-0.0668	-0.0081	-0.0338
-2.00	0.0000	0.0000	0.0000	-0.0396	-0.0054	-0.0223
-1.00	0.0000	0.0000	0.0000	-0.0193	-0.0027	-0.0125
0.00	0.0000	0.0000	0.0000	0.0033	0.0005	-0.0024
1.00	0.0000	0.0000	0.0000	0.0163	0.0032	0.0044
2.00	0.0000	0.0000	0.0000	0.0329	0.0063	0.0131
3.00	0.0000	0.0000	0.0000	0.0547	0.0091	0.0231
4.00	0.0000	0.0000	0.0000	0.0805	0.0118	0.0347
5.00	0.0000	0.0000	0.0000	0.1088	0.0141	0.0476
6.00	0.0000	0.0000	0.0000	0.1392	0.0156	0.0629
8.00	0.0000	0.0000	0.0000	0.2077	0.0193	0.0972
10.00	0.0000	0.0000	0.0000	0.2794	0.0220	0.1313
12.00	0.0000	0.0000	0.0000	0.3583	0.0243	0.1665
14.00	0.0000	0.0000	0.0000	0.4285	0.0259	0.2008
16.00	0.0000	0.0000	0.0000	0.4994	0.0270	0.2333
18.00	0.0000	0.0000	0.0000	0.5719	0.0281	0.2661
20.00	0.0000	0.0000	0.0000	0.6457	0.0293	0.2976
22.00	0.0000	0.0000	0.0000	0.7165	0.0301	0.3262
24.00	0.0000	0.0000	0.0000	0.7821	0.0308	0.3526
26.00	0.0000	0.0000	0.0000	0.8454	0.0310	0.3775
28.00	0.0000	0.0000	0.0000	0.9189	0.0304	0.4044
30.00	0.0000	0.0000	0.0000	0.9847	0.0291	0.4253
35.00	0.0000	0.0000	0.0000	1.1075	0.0277	0.4751
40.00	0.0000	0.0000	0.0000	1.2304	0.0238	0.5352
45.00	0.0000	0.0000	0.0000	1.3243	0.0183	0.5855
50.00	0.0000	0.0000	0.0000	1.3848	0.0083	0.6257
55.00	0.0000	0.0000	0.0000	1.3848	-0.0016	0.6444
60.00	0.0000	0.0000	0.0000	1.3572	-0.0099	0.6526
65.00	0.0000	0.0000	0.0000	1.3256	-0.0167	0.6555
70.00	0.0000	0.0000	0.0000	1.2792	-0.0217	0.6476
75.00	0.0000	0.0000	0.0000	1.2424	-0.0286	0.6379
80.00	0.0000	0.0000	0.0000	1.2124	-0.0378	0.6280
85.00	0.0000	0.0000	0.0000	1.1912	-0.0485	0.6199
90.00	0.0000	0.0000	0.0000	1.1742	-0.0635	0.6145
95.00	0.0000	0.0000	0.0000	1.1899	-0.0833	0.6228

Table 5. Continued

(j) Continued

TEST 1802 RUN 139 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1150	-0.0113	-0.0558
-4.00	0.0000	0.0000	0.0000	-0.0913	-0.0101	-0.0429
-3.00	0.0000	0.0000	0.0000	-0.0677	-0.0085	-0.0323
-2.00	0.0000	0.0000	0.0000	-0.0412	-0.0062	-0.0210
-1.00	0.0000	0.0000	0.0000	-0.0219	-0.0040	-0.0125
0.00	0.0000	0.0000	0.0000	0.0030	-0.0013	-0.0025
1.00	0.0000	0.0000	0.0000	0.0205	0.0012	0.0055
2.00	0.0000	0.0000	0.0000	0.0374	0.0037	0.0137
3.00	0.0000	0.0000	0.0000	0.0587	0.0057	0.0231
4.00	0.0000	0.0000	0.0000	0.0850	0.0078	0.0342
5.00	0.0000	0.0000	0.0000	0.1115	0.0096	0.0467
6.00	0.0000	0.0000	0.0000	0.1383	0.0105	0.0600
8.00	0.0000	0.0000	0.0000	0.1956	0.0122	0.0877
10.00	0.0000	0.0000	0.0000	0.2541	0.0136	0.1161
12.00	0.0000	0.0000	0.0000	0.3111	0.0148	0.1446
14.00	0.0000	0.0000	0.0000	0.3645	0.0159	0.1712
16.00	0.0000	0.0000	0.0000	0.4266	0.0165	0.1989
18.00	0.0000	0.0000	0.0000	0.4847	0.0169	0.2244
20.00	0.0000	0.0000	0.0000	0.5486	0.0172	0.2516
22.00	0.0000	0.0000	0.0000	0.6079	0.0175	0.2765
24.00	0.0000	0.0000	0.0000	0.6686	0.0180	0.3023
26.00	0.0000	0.0000	0.0000	0.7315	0.0182	0.3275
28.00	0.0000	0.0000	0.0000	0.7930	0.0175	0.3530
30.00	0.0000	0.0000	0.0000	0.8586	0.0168	0.3809
35.00	0.0000	0.0000	0.0000	0.9851	0.0182	0.4408
40.00	0.0000	0.0000	0.0000	1.1092	0.0188	0.5020
45.00	0.0000	0.0000	0.0000	1.2118	0.0143	0.5559
50.00	0.0000	0.0000	0.0000	1.2749	0.0074	0.6016
55.00	0.0000	0.0000	0.0000	1.2869	0.0001	0.6306
60.00	0.0000	0.0000	0.0000	1.2546	-0.0086	0.6420
65.00	0.0000	0.0000	0.0000	1.1897	-0.0195	0.6326
70.00	0.0000	0.0000	0.0000	1.1488	-0.0296	0.6236
75.00	0.0000	0.0000	0.0000	1.1096	-0.0348	0.6098
80.00	0.0000	0.0000	0.0000	1.0696	-0.0413	0.5921
85.00	0.0000	0.0000	0.0000	1.0339	-0.0517	0.5774
90.00	0.0000	0.0000	0.0000	1.0166	-0.0646	0.5677
95.00	0.0000	0.0000	0.0000	1.0215	-0.0853	0.5735

Table 5. Continued

(j) Continued

TEST 1629 RUN 166 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1165	-0.0087	-0.0469
-4.00	0.0000	0.0000	0.0000	-0.0967	-0.0072	-0.0379
-3.00	0.0000	0.0000	0.0000	-0.0752	-0.0053	-0.0287
-2.00	0.0000	0.0000	0.0000	-0.0496	-0.0033	-0.0192
-1.00	0.0000	0.0000	0.0000	-0.0251	-0.0013	-0.0101
0.00	0.0000	0.0000	0.0000	-0.0064	0.0005	-0.0026
1.00	0.0000	0.0000	0.0000	0.0152	0.0028	0.0066
2.00	0.0000	0.0000	0.0000	0.0323	0.0047	0.0148
3.00	0.0000	0.0000	0.0000	0.0517	0.0065	0.0243
4.00	0.0000	0.0000	0.0000	0.0732	0.0074	0.0348
5.00	0.0000	0.0000	0.0000	0.0973	0.0082	0.0470
6.00	0.0000	0.0000	0.0000	0.1213	0.0091	0.0600
8.00	0.0000	0.0000	0.0000	0.1739	0.0103	0.0862
10.00	0.0000	0.0000	0.0000	0.2184	0.0110	0.1089
12.00	0.0000	0.0000	0.0000	0.2708	0.0118	0.1330
14.00	0.0000	0.0000	0.0000	0.3266	0.0125	0.1576
16.00	0.0000	0.0000	0.0000	0.3813	0.0128	0.1808
18.00	0.0000	0.0000	0.0000	0.4362	0.0135	0.2046
20.00	0.0000	0.0000	0.0000	0.4905	0.0137	0.2276
22.00	0.0000	0.0000	0.0000	0.5393	0.0139	0.2495
24.00	0.0000	0.0000	0.0000	0.5986	0.0137	0.2747
26.00	0.0000	0.0000	0.0000	0.6545	0.0134	0.2983
28.00	0.0000	0.0000	0.0000	0.7139	0.0128	0.3239
30.00	0.0000	0.0000	0.0000	0.7735	0.0116	0.3509
35.00	0.0000	0.0000	0.0000	0.9143	0.0102	0.4220
40.00	0.0000	0.0000	0.0000	1.0456	0.0117	0.4880
45.00	0.0000	0.0000	0.0000	1.1381	0.0118	0.5462
50.00	0.0000	0.0000	0.0000	1.1887	0.0052	0.5903
55.00	0.0000	0.0000	0.0000	1.1788	-0.0018	0.6125
60.00	0.0000	0.0000	0.0000	1.1166	-0.0106	0.6089
65.00	0.0000	0.0000	0.0000	1.0515	-0.0216	0.5929
70.00	0.0000	0.0000	0.0000	0.9915	-0.0311	0.5705
75.00	0.0000	0.0000	0.0000	0.9551	-0.0395	0.5564
80.00	0.0000	0.0000	0.0000	0.9100	-0.0437	0.5357
85.00	0.0000	0.0000	0.0000	0.8673	-0.0543	0.5141
90.00	0.0000	0.0000	0.0000	0.8711	-0.0720	0.5202
95.00	0.0000	0.0000	0.0000	0.8748	-0.0885	0.5231

Table 5. Continued

(j) Continued

TEST 1629 RUN 167 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0927	-0.0074	-0.0375
-4.00	0.0000	0.0000	0.0000	-0.0759	-0.0063	-0.0296
-3.00	0.0000	0.0000	0.0000	-0.0550	-0.0049	-0.0210
-2.00	0.0000	0.0000	0.0000	-0.0325	-0.0033	-0.0127
-1.00	0.0000	0.0000	0.0000	-0.0110	-0.0019	-0.0045
0.00	0.0000	0.0000	0.0000	-0.0006	-0.0001	0.0018
1.00	0.0000	0.0000	0.0000	0.0179	0.0016	0.0094
2.00	0.0000	0.0000	0.0000	0.0377	0.0032	0.0175
3.00	0.0000	0.0000	0.0000	0.0558	0.0046	0.0259
4.00	0.0000	0.0000	0.0000	0.0719	0.0054	0.0343
5.00	0.0000	0.0000	0.0000	0.0918	0.0061	0.0443
6.00	0.0000	0.0000	0.0000	0.1106	0.0066	0.0541
8.00	0.0000	0.0000	0.0000	0.1520	0.0077	0.0751
10.00	0.0000	0.0000	0.0000	0.1956	0.0085	0.0955
12.00	0.0000	0.0000	0.0000	0.2401	0.0094	0.1158
14.00	0.0000	0.0000	0.0000	0.2848	0.0101	0.1367
16.00	0.0000	0.0000	0.0000	0.3271	0.0109	0.1567
18.00	0.0000	0.0000	0.0000	0.3748	0.0112	0.1780
20.00	0.0000	0.0000	0.0000	0.4220	0.0116	0.1999
22.00	0.0000	0.0000	0.0000	0.4658	0.0116	0.2210
24.00	0.0000	0.0000	0.0000	0.5191	0.0120	0.2439
26.00	0.0000	0.0000	0.0000	0.5735	0.0121	0.2676
28.00	0.0000	0.0000	0.0000	0.6263	0.0121	0.2908
30.00	0.0000	0.0000	0.0000	0.6750	0.0117	0.3160
35.00	0.0000	0.0000	0.0000	0.8189	0.0083	0.3871
40.00	0.0000	0.0000	0.0000	0.9757	0.0041	0.4745
45.00	0.0000	0.0000	0.0000	1.1203	0.0047	0.5673
50.00	0.0000	0.0000	0.0000	1.1920	0.0133	0.6331
55.00	0.0000	0.0000	0.0000	1.1810	0.0078	0.6595
60.00	0.0000	0.0000	0.0000	1.1078	-0.0024	0.6472
65.00	0.0000	0.0000	0.0000	1.0094	-0.0200	0.6126
70.00	0.0000	0.0000	0.0000	0.9434	-0.0353	0.5847
75.00	0.0000	0.0000	0.0000	0.8996	-0.0416	0.5631
80.00	0.0000	0.0000	0.0000	0.8207	-0.0455	0.5155
85.00	0.0000	0.0000	0.0000	0.7933	-0.0660	0.5042
90.00	0.0000	0.0000	0.0000	0.7736	-0.0757	0.4930
95.00	0.0000	0.0000	0.0000	0.8097	-0.1007	0.5174

Table 5. Continued

(j) Concluded

TEST 1629 RUN 168 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0574	-0.0054	-0.0307
-4.00	0.0000	0.0000	0.0000	-0.0544	-0.0047	-0.0253
-3.00	0.0000	0.0000	0.0000	-0.0426	-0.0035	-0.0192
-2.00	0.0000	0.0000	0.0000	-0.0282	-0.0020	-0.0127
-1.00	0.0000	0.0000	0.0000	-0.0109	-0.0007	-0.0054
0.00	0.0000	0.0000	0.0000	-0.0004	0.0005	0.0005
1.00	0.0000	0.0000	0.0000	0.0161	0.0018	0.0068
2.00	0.0000	0.0000	0.0000	0.0251	0.0030	0.0124
3.00	0.0000	0.0000	0.0000	0.0424	0.0043	0.0198
4.00	0.0000	0.0000	0.0000	0.0569	0.0053	0.0266
5.00	0.0000	0.0000	0.0000	0.0703	0.0063	0.0333
6.00	0.0000	0.0000	0.0000	0.0931	0.0071	0.0421
8.00	0.0000	0.0000	0.0000	0.1307	0.0086	0.0581
10.00	0.0000	0.0000	0.0000	0.1662	0.0097	0.0746
12.00	0.0000	0.0000	0.0000	0.2020	0.0106	0.0916
14.00	0.0000	0.0000	0.0000	0.2417	0.0114	0.1092
16.00	0.0000	0.0000	0.0000	0.2861	0.0119	0.1283
18.00	0.0000	0.0000	0.0000	0.3289	0.0121	0.1474
20.00	0.0000	0.0000	0.0000	0.3741	0.0122	0.1680
22.00	0.0000	0.0000	0.0000	0.4144	0.0119	0.1885
24.00	0.0000	0.0000	0.0000	0.4622	0.0115	0.2114
26.00	0.0000	0.0000	0.0000	0.5170	0.0110	0.2360
28.00	0.0000	0.0000	0.0000	0.5687	0.0099	0.2614
30.00	0.0000	0.0000	0.0000	0.6296	0.0090	0.2895
35.00	0.0000	0.0000	0.0000	0.7736	0.0066	0.3641
40.00	0.0000	0.0000	0.0000	0.9065	0.0058	0.4388
45.00	0.0000	0.0000	0.0000	1.0101	-0.0005	0.5142
50.00	0.0000	0.0000	0.0000	1.0846	-0.0086	0.5966
55.00	0.0000	0.0000	0.0000	1.0500	-0.0062	0.6227
60.00	0.0000	0.0000	0.0000	0.9296	-0.0129	0.5825
65.00	0.0000	0.0000	0.0000	0.8494	-0.0273	0.5478
70.00	0.0000	0.0000	0.0000	0.7811	-0.0290	0.5087
75.00	0.0000	0.0000	0.0000	0.7232	-0.0369	0.4733
80.00	0.0000	0.0000	0.0000	0.6753	-0.0397	0.4434
85.00	0.0000	0.0000	0.0000	0.6412	-0.0465	0.4181
90.00	0.0000	0.0000	0.0000	0.6277	-0.0555	0.4093
95.00	0.0000	0.0000	0.0000	0.6419	-0.0692	0.4211

Table 5. Continued

(k) Fin 11

TEST 1058 RUN 60 M = 0.60 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2017	-0.0427	-0.0834
-4.02	0.0000	0.0000	0.0000	-0.1563	-0.0344	-0.0637
-3.01	0.0000	0.0000	0.0000	-0.1068	-0.0241	-0.0433
-1.99	0.0000	0.0000	0.0000	-0.0678	-0.0153	-0.0275
-1.02	0.0000	0.0000	0.0000	-0.0302	-0.0072	-0.0123
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.02	0.0000	0.0000	0.0000	0.0283	0.0072	0.0116
1.99	0.0000	0.0000	0.0000	0.0639	0.0152	0.0260
3.01	0.0000	0.0000	0.0000	0.0974	0.0244	0.0412
4.02	0.0000	0.0000	0.0000	0.1513	0.0348	0.0615
5.00	0.0000	0.0000	0.0000	0.2049	0.0447	0.0837
6.02	0.0000	0.0000	0.0000	0.2569	0.0548	0.1067
8.01	0.0000	0.0000	0.0000	0.3780	0.0752	0.1555
10.00	0.0000	0.0000	0.0000	0.4936	0.0950	0.2044
11.99	0.0000	0.0000	0.0000	0.6260	0.1133	0.2553
14.02	0.0000	0.0000	0.0000	0.7464	0.1292	0.3026
16.02	0.0000	0.0000	0.0000	0.8606	0.1434	0.3450
18.01	0.0000	0.0000	0.0000	0.9773	0.1538	0.3858
20.00	0.0000	0.0000	0.0000	1.0768	0.1599	0.4227
21.99	0.0000	0.0000	0.0000	1.1597	0.1593	0.4549
23.99	0.0000	0.0000	0.0000	1.1986	0.1476	0.4661
26.02	0.0000	0.0000	0.0000	1.1697	0.1236	0.4442
28.01	0.0000	0.0000	0.0000	1.0446	0.0982	0.3906
30.00	0.0000	0.0000	0.0000	0.9894	0.0900	0.3702
35.00	0.0000	0.0000	0.0000	0.9795	0.0771	0.3726
40.00	0.0000	0.0000	0.0000	1.0231	0.0722	0.3933
45.00	0.0000	0.0000	0.0000	1.0858	0.0676	0.4204
50.00	0.0000	0.0000	0.0000	1.1376	0.0606	0.4461
55.00	0.0000	0.0000	0.0000	1.1657	0.0510	0.4626
60.00	0.0000	0.0000	0.0000	1.1808	0.0389	0.4774
65.00	0.0000	0.0000	0.0000	1.1919	0.0257	0.4905
70.00	0.0000	0.0000	0.0000	1.2104	0.0120	0.5032
75.00	0.0000	0.0000	0.0000	1.2213	-0.0019	0.5152
80.00	0.0000	0.0000	0.0000	1.2378	-0.0165	0.5268
85.00	0.0000	0.0000	0.0000	1.2463	-0.0290	0.5322
90.00	0.0000	0.0000	0.0000	1.2455	-0.0412	0.5343
95.00	0.0000	0.0000	0.0000	1.2400	-0.0532	0.5317

Table 5. Continued

(k) Continued

TEST 1058 RUN 59 M = 0.88 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2016	-0.0475	-0.0871
-4.02	0.0000	0.0000	0.0000	-0.1501	-0.0382	-0.0655
-3.01	0.0000	0.0000	0.0000	-0.1076	-0.0279	-0.0459
-2.01	0.0000	0.0000	0.0000	-0.0586	-0.0185	-0.0266
-1.00	0.0000	0.0000	0.0000	-0.0237	-0.0091	-0.0111
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0276	0.0076	0.0123
2.01	0.0000	0.0000	0.0000	0.0649	0.0171	0.0282
3.01	0.0000	0.0000	0.0000	0.1082	0.0272	0.0449
4.00	0.0000	0.0000	0.0000	0.1555	0.0384	0.0645
5.00	0.0000	0.0000	0.0000	0.2121	0.0498	0.0879
6.00	0.0000	0.0000	0.0000	0.2725	0.0599	0.1126
8.01	0.0000	0.0000	0.0000	0.3995	0.0808	0.1664
10.00	0.0000	0.0000	0.0000	0.5302	0.0966	0.2172
12.01	0.0000	0.0000	0.0000	0.6607	0.1061	0.2637
14.00	0.0000	0.0000	0.0000	0.7672	0.1115	0.3015
16.00	0.0000	0.0000	0.0000	0.8422	0.1128	0.3277
18.01	0.0000	0.0000	0.0000	0.8967	0.1081	0.3396
20.00	0.0000	0.0000	0.0000	0.9154	0.0989	0.3467
22.01	0.0000	0.0000	0.0000	0.9401	0.0882	0.3543
24.00	0.0000	0.0000	0.0000	0.9846	0.0843	0.3650
26.00	0.0000	0.0000	0.0000	1.0188	0.0810	0.3771
27.99	0.0000	0.0000	0.0000	1.0672	0.0797	0.3928
30.00	0.0000	0.0000	0.0000	1.0631	0.0763	0.3950
35.00	0.0000	0.0000	0.0000	1.0706	0.0707	0.4065
40.00	0.0000	0.0000	0.0000	1.0960	0.0670	0.4234
45.00	0.0000	0.0000	0.0000	1.1580	0.0612	0.4528
50.00	0.0000	0.0000	0.0000	1.2068	0.0536	0.4789
55.02	0.0000	0.0000	0.0000	1.2238	0.0434	0.4956
60.02	0.0000	0.0000	0.0000	1.2311	0.0308	0.5088
65.02	0.0000	0.0000	0.0000	1.2474	0.0182	0.5243
70.02	0.0000	0.0000	0.0000	1.2616	0.0045	0.5402
75.02	0.0000	0.0000	0.0000	1.2804	-0.0077	0.5548
80.02	0.0000	0.0000	0.0000	1.2925	-0.0212	0.5657
85.02	0.0000	0.0000	0.0000	1.3031	-0.0338	0.5726
90.02	0.0000	0.0000	0.0000	1.3090	-0.0460	0.5769
95.00	0.0000	0.0000	0.0000	1.3082	-0.0564	0.5756

Table 5. Continued

(k) Continued

TEST 1058 RUN 58 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2209	-0.0273	-0.0990
-4.00	0.0000	0.0000	0.0000	-0.1772	-0.0225	-0.0800
-3.01	0.0000	0.0000	0.0000	-0.1210	-0.0167	-0.0566
-2.01	0.0000	0.0000	0.0000	-0.0738	-0.0099	-0.0359
-1.00	0.0000	0.0000	0.0000	-0.0264	-0.0040	-0.0159
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0356	0.0062	0.0155
2.01	0.0000	0.0000	0.0000	0.0796	0.0121	0.0339
3.01	0.0000	0.0000	0.0000	0.1290	0.0183	0.0529
4.00	0.0000	0.0000	0.0000	0.1851	0.0253	0.0749
5.00	0.0000	0.0000	0.0000	0.2408	0.0322	0.0978
6.00	0.0000	0.0000	0.0000	0.3071	0.0391	0.1227
8.01	0.0000	0.0000	0.0000	0.4279	0.0499	0.1747
10.02	0.0000	0.0000	0.0000	0.5550	0.0566	0.2273
12.00	0.0000	0.0000	0.0000	0.6766	0.0602	0.2788
14.00	0.0000	0.0000	0.0000	0.7924	0.0634	0.3270
16.00	0.0000	0.0000	0.0000	0.9074	0.0667	0.3719
17.99	0.0000	0.0000	0.0000	1.0196	0.0686	0.4160
20.02	0.0000	0.0000	0.0000	1.1120	0.0684	0.4533
22.01	0.0000	0.0000	0.0000	1.2010	0.0674	0.4913
24.00	0.0000	0.0000	0.0000	1.2923	0.0672	0.5269
26.00	0.0000	0.0000	0.0000	1.3570	0.0761	0.5481
27.99	0.0000	0.0000	0.0000	1.4321	0.0747	0.5797
30.02	0.0000	0.0000	0.0000	1.4654	0.0754	0.5865
35.02	0.0000	0.0000	0.0000	1.5319	0.0794	0.6019
40.02	0.0000	0.0000	0.0000	1.5883	0.0754	0.6219
45.02	0.0000	0.0000	0.0000	1.6653	0.0602	0.6647
50.02	0.0000	0.0000	0.0000	1.6856	0.0471	0.6839
55.02	0.0000	0.0000	0.0000	1.7001	0.0322	0.7023
60.02	0.0000	0.0000	0.0000	1.6976	0.0178	0.7170
65.02	0.0000	0.0000	0.0000	1.6894	0.0052	0.7273
70.02	0.0000	0.0000	0.0000	1.6821	-0.0077	0.7362
75.02	0.0000	0.0000	0.0000	1.6630	-0.0185	0.7383
80.02	0.0000	0.0000	0.0000	1.6528	-0.0290	0.7397
85.02	0.0000	0.0000	0.0000	1.6392	-0.0382	0.7398
90.02	0.0000	0.0000	0.0000	1.6394	-0.0482	0.7425
95.00	0.0000	0.0000	0.0000	1.6467	-0.0590	0.7436

Table 5. Continued

(k) Continued

TEST 1802 RUN 144 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2264	-0.0166	-0.0940
-4.00	0.0000	0.0000	0.0000	-0.1728	-0.0143	-0.0719
-3.00	0.0000	0.0000	0.0000	-0.1279	-0.0115	-0.0534
-2.00	0.0000	0.0000	0.0000	-0.0847	-0.0085	-0.0360
-1.00	0.0000	0.0000	0.0000	-0.0427	-0.0051	-0.0178
0.00	0.0000	0.0000	0.0000	-0.0158	-0.0022	-0.0039
1.00	0.0000	0.0000	0.0000	0.0103	0.0019	0.0117
2.00	0.0000	0.0000	0.0000	0.0426	0.0048	0.0260
3.00	0.0000	0.0000	0.0000	0.0793	0.0079	0.0418
4.00	0.0000	0.0000	0.0000	0.1272	0.0111	0.0597
5.00	0.0000	0.0000	0.0000	0.1768	0.0138	0.0785
6.00	0.0000	0.0000	0.0000	0.2152	0.0159	0.0974
8.00	0.0000	0.0000	0.0000	0.3090	0.0195	0.1376
10.00	0.0000	0.0000	0.0000	0.4096	0.0226	0.1820
12.00	0.0000	0.0000	0.0000	0.5030	0.0250	0.2225
14.00	0.0000	0.0000	0.0000	0.5977	0.0273	0.2637
16.00	0.0000	0.0000	0.0000	0.6919	0.0294	0.3026
18.00	0.0000	0.0000	0.0000	0.7796	0.0314	0.3392
20.00	0.0000	0.0000	0.0000	0.8679	0.0340	0.3733
24.00	0.0000	0.0000	0.0000	1.0294	0.0374	0.4363
26.00	0.0000	0.0000	0.0000	1.1013	0.0384	0.4646
28.00	0.0000	0.0000	0.0000	1.1792	0.0386	0.4927
30.00	0.0000	0.0000	0.0000	1.2455	0.0380	0.5188
35.00	0.0000	0.0000	0.0000	1.4078	0.0324	0.5858
40.00	0.0000	0.0000	0.0000	1.5029	0.0292	0.6222
45.00	0.0000	0.0000	0.0000	1.5817	0.0213	0.6626
50.00	0.0000	0.0000	0.0000	1.6188	0.0092	0.6969
55.00	0.0000	0.0000	0.0000	1.6347	-0.0015	0.7201
60.00	0.0000	0.0000	0.0000	1.6284	-0.0141	0.7344
65.00	0.0000	0.0000	0.0000	1.6171	-0.0248	0.7450
70.00	0.0000	0.0000	0.0000	1.5925	-0.0348	0.7470
75.00	0.0000	0.0000	0.0000	1.5578	-0.0450	0.7438
80.00	0.0000	0.0000	0.0000	1.5342	-0.0552	0.7422
85.00	0.0000	0.0000	0.0000	1.5268	-0.0646	0.7419
90.00	0.0000	0.0000	0.0000	1.5253	-0.0751	0.7446
95.00	0.0000	0.0000	0.0000	1.5342	-0.0847	0.7486

Table 5. Continued

(k) Continued

TEST 1802 RUN 145 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1441	-0.0118	-0.0657
-4.00	0.0000	0.0000	0.0000	-0.1117	-0.0101	-0.0526
-3.00	0.0000	0.0000	0.0000	-0.0694	-0.0080	-0.0375
-2.00	0.0000	0.0000	0.0000	-0.0274	-0.0049	-0.0178
-1.00	0.0000	0.0000	0.0000	-0.0008	-0.0031	-0.0090
0.00	0.0000	0.0000	0.0000	0.0218	0.0002	0.0028
1.00	0.0000	0.0000	0.0000	0.0529	0.0032	0.0170
2.00	0.0000	0.0000	0.0000	0.0810	0.0054	0.0296
3.00	0.0000	0.0000	0.0000	0.1116	0.0075	0.0430
4.00	0.0000	0.0000	0.0000	0.1414	0.0093	0.0557
5.00	0.0000	0.0000	0.0000	0.1763	0.0110	0.0710
6.00	0.0000	0.0000	0.0000	0.2140	0.0122	0.0874
8.00	0.0000	0.0000	0.0000	0.2948	0.0145	0.1210
10.00	0.0000	0.0000	0.0000	0.3688	0.0162	0.1536
12.00	0.0000	0.0000	0.0000	0.4482	0.0179	0.1873
14.00	0.0000	0.0000	0.0000	0.5196	0.0195	0.2186
16.00	0.0000	0.0000	0.0000	0.5985	0.0210	0.2508
18.00	0.0000	0.0000	0.0000	0.6706	0.0222	0.2814
20.00	0.0000	0.0000	0.0000	0.7407	0.0233	0.3120
22.00	0.0000	0.0000	0.0000	0.8085	0.0244	0.3408
24.00	0.0000	0.0000	0.0000	0.8820	0.0258	0.3697
26.00	0.0000	0.0000	0.0000	0.9495	0.0267	0.3965
28.00	0.0000	0.0000	0.0000	1.0069	0.0274	0.4219
30.00	0.0000	0.0000	0.0000	1.0784	0.0281	0.4496
35.00	0.0000	0.0000	0.0000	1.2455	0.0284	0.5108
40.00	0.0000	0.0000	0.0000	1.4134	0.0234	0.5820
45.00	0.0000	0.0000	0.0000	1.5376	0.0150	0.6607
50.00	0.0000	0.0000	0.0000	1.6050	0.0081	0.7092
55.00	0.0000	0.0000	0.0000	1.6119	-0.0034	0.7338
60.00	0.0000	0.0000	0.0000	1.5982	-0.0170	0.7470
65.00	0.0000	0.0000	0.0000	1.5754	-0.0299	0.7538
70.00	0.0000	0.0000	0.0000	1.5366	-0.0405	0.7508
75.00	0.0000	0.0000	0.0000	1.4859	-0.0528	0.7404
80.00	0.0000	0.0000	0.0000	1.4407	-0.0642	0.7299
85.00	0.0000	0.0000	0.0000	1.4250	-0.0743	0.7270
90.00	0.0000	0.0000	0.0000	1.4267	-0.0843	0.7286
95.00	0.0000	0.0000	0.0000	1.4410	-0.0936	0.7331

Table 5. Continued

(k) Continued

TEST 1629 RUN 189 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1531	-0.0134	-0.0642
-4.00	0.0000	0.0000	0.0000	-0.1281	-0.0115	-0.0532
-3.00	0.0000	0.0000	0.0000	-0.0974	-0.0089	-0.0405
-2.00	0.0000	0.0000	0.0000	-0.0586	-0.0061	-0.0264
-1.00	0.0000	0.0000	0.0000	-0.0330	-0.0037	-0.0157
0.00	0.0000	0.0000	0.0000	0.0027	-0.0003	-0.0018
1.00	0.0000	0.0000	0.0000	0.0190	0.0021	0.0084
2.00	0.0000	0.0000	0.0000	0.0459	0.0041	0.0206
3.00	0.0000	0.0000	0.0000	0.0704	0.0058	0.0319
4.00	0.0000	0.0000	0.0000	0.1031	0.0080	0.0447
5.00	0.0000	0.0000	0.0000	0.1295	0.0095	0.0589
6.00	0.0000	0.0000	0.0000	0.1653	0.0116	0.0731
8.00	0.0000	0.0000	0.0000	0.2402	0.0149	0.1040
10.00	0.0000	0.0000	0.0000	0.3091	0.0177	0.1321
12.00	0.0000	0.0000	0.0000	0.3765	0.0199	0.1606
14.00	0.0000	0.0000	0.0000	0.4428	0.0224	0.1890
16.00	0.0000	0.0000	0.0000	0.5055	0.0245	0.2164
18.00	0.0000	0.0000	0.0000	0.5737	0.0267	0.2450
20.00	0.0000	0.0000	0.0000	0.6404	0.0282	0.2722
22.00	0.0000	0.0000	0.0000	0.7028	0.0297	0.2989
24.00	0.0000	0.0000	0.0000	0.7659	0.0317	0.3251
26.00	0.0000	0.0000	0.0000	0.8349	0.0331	0.3522
28.00	0.0000	0.0000	0.0000	0.9068	0.0339	0.3797
30.00	0.0000	0.0000	0.0000	0.9674	0.0351	0.4063
35.00	0.0000	0.0000	0.0000	1.1417	0.0379	0.4689
40.00	0.0000	0.0000	0.0000	1.2911	0.0368	0.5301
45.00	0.0000	0.0000	0.0000	1.4493	0.0301	0.6137
50.00	0.0000	0.0000	0.0000	1.5988	0.0239	0.7024
55.00	0.0000	0.0000	0.0000	1.6079	0.0165	0.7335
60.00	0.0000	0.0000	0.0000	1.5776	0.0036	0.7419
65.00	0.0000	0.0000	0.0000	1.5216	-0.0105	0.7385
70.00	0.0000	0.0000	0.0000	1.4628	-0.0205	0.7298
75.00	0.0000	0.0000	0.0000	1.3741	-0.0304	0.7089
80.00	0.0000	0.0000	0.0000	1.3173	-0.0408	0.6944
85.00	0.0000	0.0000	0.0000	1.2921	-0.0511	0.6896
90.00	0.0000	0.0000	0.0000	1.2863	-0.0589	0.6909
95.00	0.0000	0.0000	0.0000	1.3012	-0.0683	0.6988

Table 5. Continued

(k) Continued

TEST 1629 RUN 190 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1058	-0.0098	-0.0445
-4.00	0.0000	0.0000	0.0000	-0.0774	-0.0078	-0.0336
-3.00	0.0000	0.0000	0.0000	-0.0595	-0.0062	-0.0240
-2.00	0.0000	0.0000	0.0000	-0.0364	-0.0041	-0.0137
-1.00	0.0000	0.0000	0.0000	-0.0182	-0.0025	-0.0030
0.00	0.0000	0.0000	0.0000	0.0006	-0.0002	0.0074
1.00	0.0000	0.0000	0.0000	0.0213	0.0011	0.0166
2.00	0.0000	0.0000	0.0000	0.0489	0.0032	0.0269
3.00	0.0000	0.0000	0.0000	0.0752	0.0049	0.0371
4.00	0.0000	0.0000	0.0000	0.1033	0.0063	0.0484
5.00	0.0000	0.0000	0.0000	0.1067	0.0079	0.0558
6.00	0.0000	0.0000	0.0000	0.1542	0.0099	0.0698
8.00	0.0000	0.0000	0.0000	0.2089	0.0130	0.0935
10.00	0.0000	0.0000	0.0000	0.2733	0.0166	0.1191
12.00	0.0000	0.0000	0.0000	0.3374	0.0192	0.1440
14.00	0.0000	0.0000	0.0000	0.3937	0.0216	0.1692
16.00	0.0000	0.0000	0.0000	0.4461	0.0238	0.1928
18.00	0.0000	0.0000	0.0000	0.5053	0.0258	0.2178
20.00	0.0000	0.0000	0.0000	0.5593	0.0276	0.2420
22.00	0.0000	0.0000	0.0000	0.6151	0.0293	0.2664
24.00	0.0000	0.0000	0.0000	0.6726	0.0317	0.2912
26.00	0.0000	0.0000	0.0000	0.7516	0.0333	0.3202
28.00	0.0000	0.0000	0.0000	0.8209	0.0345	0.3478
30.00	0.0000	0.0000	0.0000	0.8984	0.0352	0.3766
35.00	0.0000	0.0000	0.0000	1.0478	0.0366	0.4407
40.00	0.0000	0.0000	0.0000	1.2041	0.0376	0.5049
45.00	0.0000	0.0000	0.0000	1.3685	0.0353	0.5742
50.00	0.0000	0.0000	0.0000	1.5481	0.0281	0.6720
55.00	0.0000	0.0000	0.0000	1.7421	0.0155	0.8059
60.00	0.0000	0.0000	0.0000	1.7057	0.0061	0.8337
65.00	0.0000	0.0000	0.0000	1.6319	-0.0086	0.8258
70.00	0.0000	0.0000	0.0000	1.5231	-0.0176	0.8014
75.00	0.0000	0.0000	0.0000	1.3831	-0.0312	0.7563
80.00	0.0000	0.0000	0.0000	1.2921	-0.0447	0.7298
85.00	0.0000	0.0000	0.0000	1.2759	-0.0539	0.7273
90.00	0.0000	0.0000	0.0000	1.2594	-0.0622	0.7258
95.00	0.0000	0.0000	0.0000	1.2556	-0.0698	0.7291

Table 5. Continued

(k) Concluded

TEST 1629 RUN 191 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0794	-0.0077	-0.0354
-4.00	0.0000	0.0000	0.0000	-0.0690	-0.0061	-0.0285
-3.00	0.0000	0.0000	0.0000	-0.0466	-0.0054	-0.0189
-2.00	0.0000	0.0000	0.0000	-0.0510	-0.0038	-0.0145
-1.00	0.0000	0.0000	0.0000	-0.0149	-0.0022	-0.0028
0.00	0.0000	0.0000	0.0000	-0.0063	-0.0008	0.0027
1.00	0.0000	0.0000	0.0000	0.0192	0.0004	0.0120
2.00	0.0000	0.0000	0.0000	0.0371	0.0017	0.0199
3.00	0.0000	0.0000	0.0000	0.0443	0.0032	0.0258
4.00	0.0000	0.0000	0.0000	0.0553	0.0041	0.0327
5.00	0.0000	0.0000	0.0000	0.0716	0.0059	0.0398
6.00	0.0000	0.0000	0.0000	0.0942	0.0078	0.0486
8.00	0.0000	0.0000	0.0000	0.1270	0.0098	0.0648
10.00	0.0000	0.0000	0.0000	0.1773	0.0129	0.0844
12.00	0.0000	0.0000	0.0000	0.2217	0.0158	0.1038
14.00	0.0000	0.0000	0.0000	0.2682	0.0193	0.1249
16.00	0.0000	0.0000	0.0000	0.3291	0.0226	0.1479
18.00	0.0000	0.0000	0.0000	0.3865	0.0252	0.1721
20.00	0.0000	0.0000	0.0000	0.4408	0.0279	0.1955
22.00	0.0000	0.0000	0.0000	0.5017	0.0303	0.2207
24.00	0.0000	0.0000	0.0000	0.5562	0.0319	0.2462
26.00	0.0000	0.0000	0.0000	0.6223	0.0336	0.2733
28.00	0.0000	0.0000	0.0000	0.6936	0.0346	0.3024
30.00	0.0000	0.0000	0.0000	0.7406	0.0356	0.3289
35.00	0.0000	0.0000	0.0000	0.9032	0.0353	0.4020
40.00	0.0000	0.0000	0.0000	1.0702	0.0335	0.4783
45.00	0.0000	0.0000	0.0000	1.2523	0.0302	0.5649
50.00	0.0000	0.0000	0.0000	1.4489	0.0219	0.6687
55.00	0.0000	0.0000	0.0000	1.5449	0.0045	0.7860
60.00	0.0000	0.0000	0.0000	1.4905	-0.0127	0.8237
65.00	0.0000	0.0000	0.0000	1.3909	-0.0214	0.8095
70.00	0.0000	0.0000	0.0000	1.2679	-0.0385	0.7809
75.00	0.0000	0.0000	0.0000	1.1526	-0.0446	0.7489
80.00	0.0000	0.0000	0.0000	1.0613	-0.0368	0.7116
85.00	0.0000	0.0000	0.0000	0.9973	-0.0296	0.6945
90.00	0.0000	0.0000	0.0000	0.9582	-0.0290	0.6827
95.00	0.0000	0.0000	0.0000	0.9426	-0.0390	0.6889

Table 5. Continued

(l) Fin 12

TEST 1058 RUN 67 M = 0.59 R/ft = 2.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.3114	-0.0594	-0.1099
-3.98	0.0000	0.0000	0.0000	-0.2433	-0.0480	-0.0854
-3.01	0.0000	0.0000	0.0000	-0.1749	-0.0349	-0.0610
-1.99	0.0000	0.0000	0.0000	-0.1089	-0.0219	-0.0387
-1.02	0.0000	0.0000	0.0000	-0.0498	-0.0105	-0.0188
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.03	0.0000	0.0000	0.0000	0.0448	0.0106	0.0159
2.00	0.0000	0.0000	0.0000	0.0970	0.0216	0.0351
3.02	0.0000	0.0000	0.0000	0.1577	0.0344	0.0571
3.99	0.0000	0.0000	0.0000	0.2213	0.0475	0.0791
5.01	0.0000	0.0000	0.0000	0.2952	0.0618	0.1061
6.03	0.0000	0.0000	0.0000	0.3739	0.0765	0.1354
8.02	0.0000	0.0000	0.0000	0.5391	0.1014	0.1933
10.01	0.0000	0.0000	0.0000	0.6816	0.1192	0.2404
12.01	0.0000	0.0000	0.0000	0.8079	0.1287	0.2803
14.00	0.0000	0.0000	0.0000	0.8956	0.1276	0.3085
15.99	0.0000	0.0000	0.0000	0.9606	0.1218	0.3300
18.03	0.0000	0.0000	0.0000	1.0138	0.1131	0.3459
20.02	0.0000	0.0000	0.0000	1.0131	0.0964	0.3467
22.01	0.0000	0.0000	0.0000	0.9975	0.0889	0.3411
24.00	0.0000	0.0000	0.0000	0.9870	0.0873	0.3395
26.00	0.0000	0.0000	0.0000	0.9950	0.0868	0.3433
27.99	0.0000	0.0000	0.0000	1.0060	0.0862	0.3478
30.03	0.0000	0.0000	0.0000	1.0294	0.0850	0.3567
35.04	0.0000	0.0000	0.0000	1.1254	0.0834	0.3915
40.04	0.0000	0.0000	0.0000	1.1878	0.0805	0.4152
45.05	0.0000	0.0000	0.0000	1.2332	0.0745	0.4326
50.05	0.0000	0.0000	0.0000	1.2468	0.0660	0.4409
55.00	0.0000	0.0000	0.0000	1.2729	0.0551	0.4539
60.00	0.0000	0.0000	0.0000	1.2715	0.0444	0.4580
65.01	0.0000	0.0000	0.0000	1.2990	0.0330	0.4706
70.01	0.0000	0.0000	0.0000	1.3291	0.0201	0.4852
75.02	0.0000	0.0000	0.0000	1.3431	0.0073	0.4949
80.02	0.0000	0.0000	0.0000	1.3610	-0.0056	0.5038
85.03	0.0000	0.0000	0.0000	1.3717	-0.0183	0.5102
90.03	0.0000	0.0000	0.0000	1.3748	-0.0302	0.5132

Table 5. Continued

(I) Continued

TEST 1058 RUN 66 M = 0.89 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.3607	-0.0702	-0.1267
-3.98	0.0000	0.0000	0.0000	-0.2734	-0.0558	-0.0978
-2.98	0.0000	0.0000	0.0000	-0.1934	-0.0412	-0.0692
-2.01	0.0000	0.0000	0.0000	-0.1202	-0.0268	-0.0438
-0.99	0.0000	0.0000	0.0000	-0.0532	-0.0125	-0.0197
0.03	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0387	0.0135	0.0155
2.02	0.0000	0.0000	0.0000	0.1017	0.0272	0.0368
3.05	0.0000	0.0000	0.0000	0.1716	0.0422	0.0614
4.01	0.0000	0.0000	0.0000	0.2451	0.0567	0.0888
5.04	0.0000	0.0000	0.0000	0.3335	0.0733	0.1204
6.06	0.0000	0.0000	0.0000	0.4188	0.0899	0.1518
8.05	0.0000	0.0000	0.0000	0.6109	0.1154	0.2212
10.04	0.0000	0.0000	0.0000	0.7360	0.1139	0.2602
12.03	0.0000	0.0000	0.0000	0.8246	0.1135	0.2866
14.02	0.0000	0.0000	0.0000	0.8839	0.1053	0.3050
16.01	0.0000	0.0000	0.0000	0.9065	0.0876	0.3142
18.00	0.0000	0.0000	0.0000	0.9086	0.0773	0.3134
19.99	0.0000	0.0000	0.0000	0.9485	0.0786	0.3277
21.99	0.0000	0.0000	0.0000	1.0045	0.0811	0.3479
24.03	0.0000	0.0000	0.0000	1.0614	0.0805	0.3678
26.02	0.0000	0.0000	0.0000	1.1013	0.0793	0.3823
28.01	0.0000	0.0000	0.0000	1.1188	0.0781	0.3897
30.00	0.0000	0.0000	0.0000	1.1362	0.0771	0.3979
35.01	0.0000	0.0000	0.0000	1.1826	0.0741	0.4166
40.01	0.0000	0.0000	0.0000	1.2694	0.0688	0.4489
45.02	0.0000	0.0000	0.0000	1.3302	0.0631	0.4736
50.02	0.0000	0.0000	0.0000	1.3351	0.0555	0.4797
55.03	0.0000	0.0000	0.0000	1.3683	0.0459	0.4955
60.03	0.0000	0.0000	0.0000	1.3994	0.0345	0.5115
65.04	0.0000	0.0000	0.0000	1.4447	0.0221	0.5325
70.04	0.0000	0.0000	0.0000	1.4601	0.0102	0.5446
75.04	0.0000	0.0000	0.0000	1.4929	-0.0025	0.5606
80.05	0.0000	0.0000	0.0000	1.5035	-0.0140	0.5676
85.05	0.0000	0.0000	0.0000	1.5134	-0.0256	0.5744
90.06	0.0000	0.0000	0.0000	1.5078	-0.0353	0.5744

Table 5. Continued

(l) Continued

TEST 1058 RUN 65 M = 1.20 R/ft = 1.7×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.3762	-0.0326	-0.1358
-4.01	0.0000	0.0000	0.0000	-0.3043	-0.0273	-0.1091
-3.01	0.0000	0.0000	0.0000	-0.2198	-0.0211	-0.0795
-1.99	0.0000	0.0000	0.0000	-0.1384	-0.0137	-0.0504
-0.99	0.0000	0.0000	0.0000	-0.0594	-0.0068	-0.0239
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	0.0000	0.0000	0.0000	0.0489	0.0058	0.0218
2.00	0.0000	0.0000	0.0000	0.1163	0.0119	0.0465
3.02	0.0000	0.0000	0.0000	0.1899	0.0190	0.0734
4.01	0.0000	0.0000	0.0000	0.2695	0.0279	0.1015
5.01	0.0000	0.0000	0.0000	0.3471	0.0348	0.1307
6.00	0.0000	0.0000	0.0000	0.4283	0.0417	0.1610
8.05	0.0000	0.0000	0.0000	0.5893	0.0526	0.2224
9.99	0.0000	0.0000	0.0000	0.7387	0.0592	0.2774
12.03	0.0000	0.0000	0.0000	0.8892	0.0632	0.3331
14.08	0.0000	0.0000	0.0000	1.0221	0.0664	0.3837
16.01	0.0000	0.0000	0.0000	1.1448	0.0668	0.4273
18.06	0.0000	0.0000	0.0000	1.2630	0.0658	0.4693
19.99	0.0000	0.0000	0.0000	1.3774	0.0643	0.5080
22.04	0.0000	0.0000	0.0000	1.4906	0.0624	0.5457
24.09	0.0000	0.0000	0.0000	1.5955	0.0609	0.5809
26.02	0.0000	0.0000	0.0000	1.6051	0.0660	0.5765

Table 5. Continued

(I) Continued

TEST 1802 RUN 147 M = 1.60 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.2119	-0.0168	-0.1076
-4.00	0.0000	0.0000	0.0000	-0.1576	-0.0144	-0.0859
-2.00	0.0000	0.0000	0.0000	-0.0601	-0.0087	-0.0434
-1.00	0.0000	0.0000	0.0000	-0.0172	-0.0050	-0.0250
0.00	0.0000	0.0000	0.0000	0.0242	-0.0001	-0.0056
1.00	0.0000	0.0000	0.0000	0.0461	0.0042	0.0113
2.00	0.0000	0.0000	0.0000	0.0854	0.0085	0.0302
3.00	0.0000	0.0000	0.0000	0.1217	0.0124	0.0497
4.00	0.0000	0.0000	0.0000	0.1751	0.0160	0.0699
5.00	0.0000	0.0000	0.0000	0.2238	0.0192	0.0919
6.00	0.0000	0.0000	0.0000	0.2736	0.0221	0.1133
8.00	0.0000	0.0000	0.0000	0.3761	0.0269	0.1595
10.00	0.0000	0.0000	0.0000	0.4758	0.0310	0.2042
12.00	0.0000	0.0000	0.0000	0.5668	0.0345	0.2478
14.00	0.0000	0.0000	0.0000	0.6546	0.0378	0.2901
16.00	0.0000	0.0000	0.0000	0.7521	0.0410	0.3328
18.00	0.0000	0.0000	0.0000	0.8454	0.0450	0.3722
20.00	0.0000	0.0000	0.0000	0.9324	0.0499	0.4097
22.00	0.0000	0.0000	0.0000	1.0109	0.0538	0.4441
24.00	0.0000	0.0000	0.0000	1.0919	0.0564	0.4765
26.00	0.0000	0.0000	0.0000	1.1728	0.0578	0.5072
28.00	0.0000	0.0000	0.0000	1.2510	0.0582	0.5354
30.00	0.0000	0.0000	0.0000	1.3209	0.0575	0.5592
35.00	0.0000	0.0000	0.0000	1.4592	0.0560	0.6099
40.00	0.0000	0.0000	0.0000	1.5769	0.0548	0.6610
45.00	0.0000	0.0000	0.0000	1.6517	0.0509	0.7010
50.00	0.0000	0.0000	0.0000	1.6846	0.0433	0.7290
55.00	0.0000	0.0000	0.0000	1.6915	0.0351	0.7481
60.00	0.0000	0.0000	0.0000	1.6832	0.0262	0.7618
65.00	0.0000	0.0000	0.0000	1.6598	0.0181	0.7707
70.00	0.0000	0.0000	0.0000	1.6366	0.0089	0.7770
75.00	0.0000	0.0000	0.0000	1.5993	0.0005	0.7802
80.00	0.0000	0.0000	0.0000	1.5466	-0.0062	0.7780
85.00	0.0000	0.0000	0.0000	1.5329	-0.0155	0.7786
90.00	0.0000	0.0000	0.0000	1.5385	-0.0233	0.7827
95.00	0.0000	0.0000	0.0000	1.5433	-0.0302	0.7873

Table 5. Continued

(I) Continued

TEST 1802 RUN 148 M = 2.00 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1363	-0.0192	-0.0829
-4.00	0.0000	0.0000	0.0000	-0.1039	-0.0165	-0.0666
-3.00	0.0000	0.0000	0.0000	-0.0708	-0.0133	-0.0506
-2.00	0.0000	0.0000	0.0000	-0.0408	-0.0099	-0.0343
-1.00	0.0000	0.0000	0.0000	-0.0095	-0.0061	-0.0189
0.00	0.0000	0.0000	0.0000	0.0121	-0.0027	-0.0046
1.00	0.0000	0.0000	0.0000	0.0334	0.0013	0.0099
2.00	0.0000	0.0000	0.0000	0.0599	0.0048	0.0244
3.00	0.0000	0.0000	0.0000	0.0885	0.0082	0.0401
4.00	0.0000	0.0000	0.0000	0.1158	0.0113	0.0557
5.00	0.0000	0.0000	0.0000	0.1451	0.0145	0.0714
6.00	0.0000	0.0000	0.0000	0.1744	0.0176	0.0877
8.00	0.0000	0.0000	0.0000	0.2382	0.0237	0.1215
10.00	0.0000	0.0000	0.0000	0.3026	0.0295	0.1559
12.00	0.0000	0.0000	0.0000	0.3732	0.0349	0.1903
14.00	0.0000	0.0000	0.0000	0.4404	0.0390	0.2251
16.00	0.0000	0.0000	0.0000	0.5048	0.0422	0.2583
18.00	0.0000	0.0000	0.0000	0.5738	0.0452	0.2922
20.00	0.0000	0.0000	0.0000	0.6389	0.0476	0.3255
22.00	0.0000	0.0000	0.0000	0.6974	0.0493	0.3557
24.00	0.0000	0.0000	0.0000	0.7631	0.0510	0.3876
26.00	0.0000	0.0000	0.0000	0.8358	0.0525	0.4186
28.00	0.0000	0.0000	0.0000	0.9042	0.0541	0.4481
30.00	0.0000	0.0000	0.0000	0.9721	0.0559	0.4762
35.00	0.0000	0.0000	0.0000	1.1350	0.0565	0.5357
40.00	0.0000	0.0000	0.0000	1.2985	0.0501	0.5965
45.00	0.0000	0.0000	0.0000	1.4235	0.0462	0.6605
50.00	0.0000	0.0000	0.0000	1.5391	0.0367	0.7311
55.00	0.0000	0.0000	0.0000	1.5672	0.0254	0.7662
60.00	0.0000	0.0000	0.0000	1.5538	0.0113	0.7798
65.00	0.0000	0.0000	0.0000	1.5245	-0.0001	0.7856
70.00	0.0000	0.0000	0.0000	1.4336	-0.0123	0.7824
75.00	0.0000	0.0000	0.0000	1.3806	-0.0234	0.7784
80.00	0.0000	0.0000	0.0000	1.3213	-0.0339	0.7722
85.00	0.0000	0.0000	0.0000	1.2828	-0.0434	0.7694
90.00	0.0000	0.0000	0.0000	1.2277	-0.0498	0.7682
95.00	0.0000	0.0000	0.0000	1.2356	-0.0594	0.7726

Table 5. Continued

(I) Continued

TEST 1629 RUN 196 M = 2.30 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.1385	-0.0105	-0.0624
-4.00	0.0000	0.0000	0.0000	-0.1031	-0.0084	-0.0482
-3.00	0.0000	0.0000	0.0000	-0.0729	-0.0065	-0.0344
-2.00	0.0000	0.0000	0.0000	-0.0474	-0.0043	-0.0220
-1.00	0.0000	0.0000	0.0000	-0.0193	-0.0022	-0.0088
0.00	0.0000	0.0000	0.0000	0.0026	-0.0001	0.0028
1.00	0.0000	0.0000	0.0000	0.0256	0.0020	0.0161
2.00	0.0000	0.0000	0.0000	0.0596	0.0039	0.0298
3.00	0.0000	0.0000	0.0000	0.0911	0.0055	0.0429
4.00	0.0000	0.0000	0.0000	0.1213	0.0073	0.0572
5.00	0.0000	0.0000	0.0000	0.1532	0.0089	0.0711
6.00	0.0000	0.0000	0.0000	0.1864	0.0106	0.0859
8.00	0.0000	0.0000	0.0000	0.2631	0.0140	0.1168
10.00	0.0000	0.0000	0.0000	0.3324	0.0172	0.1480
12.00	0.0000	0.0000	0.0000	0.4052	0.0204	0.1796
14.00	0.0000	0.0000	0.0000	0.4753	0.0235	0.2110
16.00	0.0000	0.0000	0.0000	0.5431	0.0262	0.2418
18.00	0.0000	0.0000	0.0000	0.6145	0.0287	0.2724
20.00	0.0000	0.0000	0.0000	0.6826	0.0306	0.3024
22.00	0.0000	0.0000	0.0000	0.7506	0.0322	0.3313
24.00	0.0000	0.0000	0.0000	0.8221	0.0335	0.3619
26.00	0.0000	0.0000	0.0000	0.8934	0.0343	0.3903
28.00	0.0000	0.0000	0.0000	0.9690	0.0351	0.4201
30.00	0.0000	0.0000	0.0000	1.0459	0.0360	0.4491
35.00	0.0000	0.0000	0.0000	1.2156	0.0379	0.5120
40.00	0.0000	0.0000	0.0000	1.3851	0.0357	0.5700
45.00	0.0000	0.0000	0.0000	1.5246	0.0292	0.6321
50.00	0.0000	0.0000	0.0000	1.6747	0.0217	0.7141
55.00	0.0000	0.0000	0.0000	1.7516	0.0104	0.7792
60.00	0.0000	0.0000	0.0000	1.7253	-0.0009	0.7963
65.00	0.0000	0.0000	0.0000	1.6645	-0.0112	0.7948
70.00	0.0000	0.0000	0.0000	1.6101	-0.0195	0.7875
75.00	0.0000	0.0000	0.0000	1.5364	-0.0292	0.7743
80.00	0.0000	0.0000	0.0000	1.4830	-0.0357	0.7654
85.00	0.0000	0.0000	0.0000	1.4526	-0.0426	0.7607
90.00	0.0000	0.0000	0.0000	1.4577	-0.0481	0.7641
95.00	0.0000	0.0000	0.0000	1.4729	-0.0555	0.7688

Table 5. Continued

(I) Continued

TEST 1629 RUN 197 M = 2.96 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0858	-0.0088	-0.0512
-4.00	0.0000	0.0000	0.0000	-0.0671	-0.0073	-0.0415
-3.00	0.0000	0.0000	0.0000	-0.0441	-0.0054	-0.0306
-2.00	0.0000	0.0000	0.0000	-0.0230	-0.0037	-0.0203
-1.00	0.0000	0.0000	0.0000	-0.0005	-0.0016	-0.0101
0.00	0.0000	0.0000	0.0000	0.0053	0.0001	-0.0011
1.00	0.0000	0.0000	0.0000	0.0234	0.0018	0.0086
2.00	0.0000	0.0000	0.0000	0.0415	0.0037	0.0187
3.00	0.0000	0.0000	0.0000	0.0713	0.0056	0.0303
4.00	0.0000	0.0000	0.0000	0.0887	0.0072	0.0400
5.00	0.0000	0.0000	0.0000	0.1136	0.0088	0.0508
6.00	0.0000	0.0000	0.0000	0.1300	0.0102	0.0617
8.00	0.0000	0.0000	0.0000	0.1836	0.0133	0.0858
10.00	0.0000	0.0000	0.0000	0.2367	0.0162	0.1099
12.00	0.0000	0.0000	0.0000	0.2982	0.0191	0.1362
14.00	0.0000	0.0000	0.0000	0.3525	0.0220	0.1625
16.00	0.0000	0.0000	0.0000	0.4123	0.0250	0.1902
18.00	0.0000	0.0000	0.0000	0.4770	0.0279	0.2188
20.00	0.0000	0.0000	0.0000	0.5467	0.0310	0.2485
22.00	0.0000	0.0000	0.0000	0.6101	0.0333	0.2775
24.00	0.0000	0.0000	0.0000	0.6707	0.0353	0.3057
26.00	0.0000	0.0000	0.0000	0.7306	0.0369	0.3333
28.00	0.0000	0.0000	0.0000	0.8003	0.0384	0.3611
30.00	0.0000	0.0000	0.0000	0.8717	0.0397	0.3900
35.00	0.0000	0.0000	0.0000	1.0536	0.0394	0.4616
40.00	0.0000	0.0000	0.0000	1.1997	0.0387	0.5239
45.00	0.0000	0.0000	0.0000	1.3478	0.0362	0.5802
50.00	0.0000	0.0000	0.0000	1.5097	0.0275	0.6535
55.00	0.0000	0.0000	0.0000	1.6647	0.0141	0.7514
60.00	0.0000	0.0000	0.0000	1.7573	-0.0063	0.8465
65.00	0.0000	0.0000	0.0000	1.7244	-0.0185	0.8793
70.00	0.0000	0.0000	0.0000	1.6141	-0.0282	0.8611
75.00	0.0000	0.0000	0.0000	1.5033	-0.0381	0.8371
80.00	0.0000	0.0000	0.0000	1.4172	-0.0469	0.8188
85.00	0.0000	0.0000	0.0000	1.3459	-0.0563	0.8081
90.00	0.0000	0.0000	0.0000	1.3154	-0.0643	0.8073
95.00	0.0000	0.0000	0.0000	1.2657	-0.0613	0.8079

Table 5. Concluded

(I) Concluded

TEST 1629 RUN 198 M = 3.95 R/ft = 2.0×10^6

α	C_N	C_A	C_m	C_{NF}	C_{HM}	C_{RBM}
-5.00	0.0000	0.0000	0.0000	-0.0744	-0.0088	-0.0324
-4.00	0.0000	0.0000	0.0000	-0.0607	-0.0067	-0.0250
-3.00	0.0000	0.0000	0.0000	-0.0598	-0.0058	-0.0188
-2.00	0.0000	0.0000	0.0000	-0.0379	-0.0039	-0.0100
-1.00	0.0000	0.0000	0.0000	-0.0209	-0.0024	-0.0019
0.00	0.0000	0.0000	0.0000	-0.0032	0.0000	0.0055
1.00	0.0000	0.0000	0.0000	0.0108	0.0014	0.0139
2.00	0.0000	0.0000	0.0000	0.0223	0.0035	0.0212
3.00	0.0000	0.0000	0.0000	0.0183	0.0051	0.0271
4.00	0.0000	0.0000	0.0000	0.0350	0.0070	0.0351
5.00	0.0000	0.0000	0.0000	0.0533	0.0090	0.0438
6.00	0.0000	0.0000	0.0000	0.0740	0.0111	0.0524
8.00	0.0000	0.0000	0.0000	0.1130	0.0146	0.0701
10.00	0.0000	0.0000	0.0000	0.1535	0.0182	0.0890
12.00	0.0000	0.0000	0.0000	0.1820	0.0218	0.1075
14.00	0.0000	0.0000	0.0000	0.2359	0.0257	0.1301
16.00	0.0000	0.0000	0.0000	0.2761	0.0288	0.1524
18.00	0.0000	0.0000	0.0000	0.3314	0.0322	0.1776
20.00	0.0000	0.0000	0.0000	0.3894	0.0358	0.2049
22.00	0.0000	0.0000	0.0000	0.4459	0.0393	0.2330
24.00	0.0000	0.0000	0.0000	0.4963	0.0435	0.2617
26.00	0.0000	0.0000	0.0000	0.5647	0.0471	0.2924
28.00	0.0000	0.0000	0.0000	0.6034	0.0497	0.3201
30.00	0.0000	0.0000	0.0000	0.6675	0.0520	0.3502
35.00	0.0000	0.0000	0.0000	0.8149	0.0546	0.4225
40.00	0.0000	0.0000	0.0000	0.9585	0.0538	0.4942
45.00	0.0000	0.0000	0.0000	1.1135	0.0509	0.5678
50.00	0.0000	0.0000	0.0000	1.2650	0.0444	0.6483
55.00	0.0000	0.0000	0.0000	1.3234	0.0232	0.7473
60.00	0.0000	0.0000	0.0000	1.3791	-0.0010	0.8530
65.00	0.0000	0.0000	0.0000	1.2944	-0.0198	0.9033
70.00	0.0000	0.0000	0.0000	1.1419	-0.0321	0.8787
75.00	0.0000	0.0000	0.0000	1.0084	-0.0313	0.8506
80.00	0.0000	0.0000	0.0000	0.9292	-0.0298	0.8433
85.00	0.0000	0.0000	0.0000	0.8040	-0.0249	0.8204
90.00	0.0000	0.0000	0.0000	0.6493	-0.0153	0.7974
95.00	0.0000	0.0000	0.0000	0.4631	-0.0063	0.7945

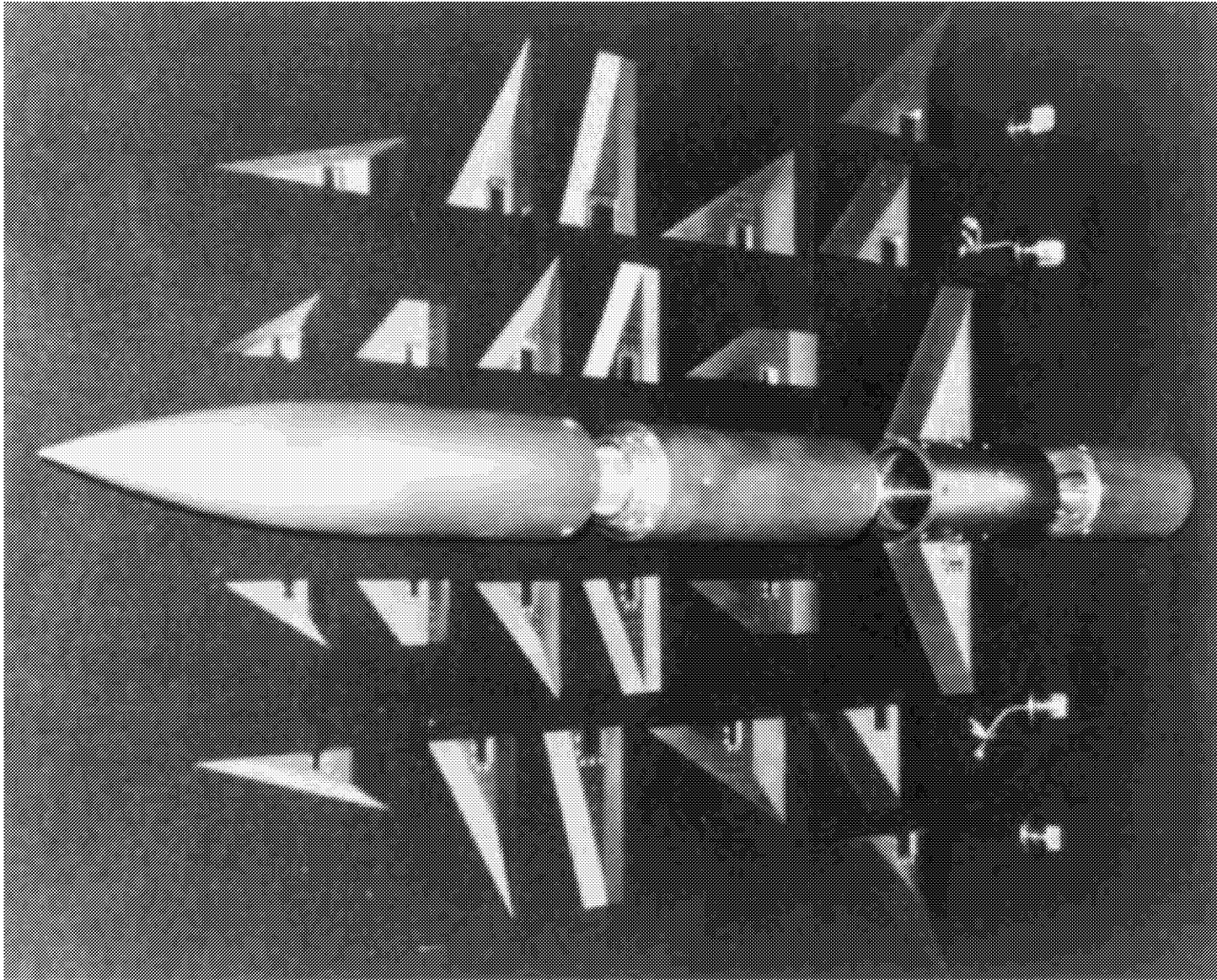


Figure 1. Exploded view of body, fins, and fin mounts.

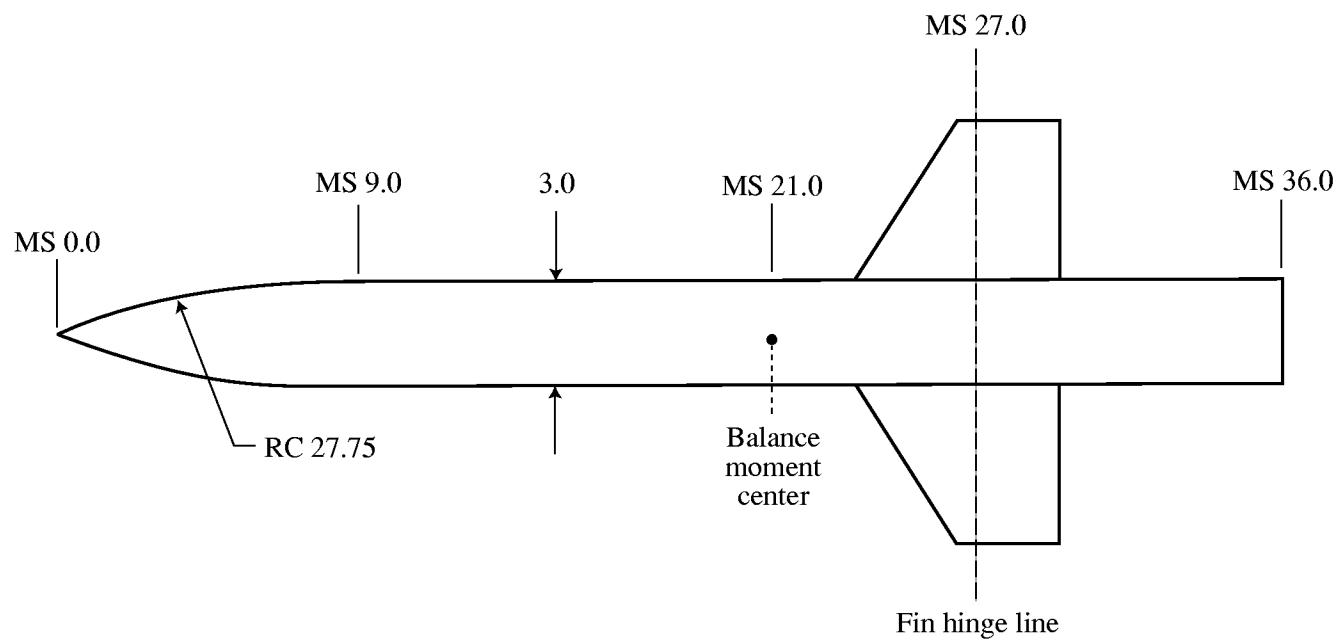


Figure 2. Top-view schematic of body. Dimensions are in inches.

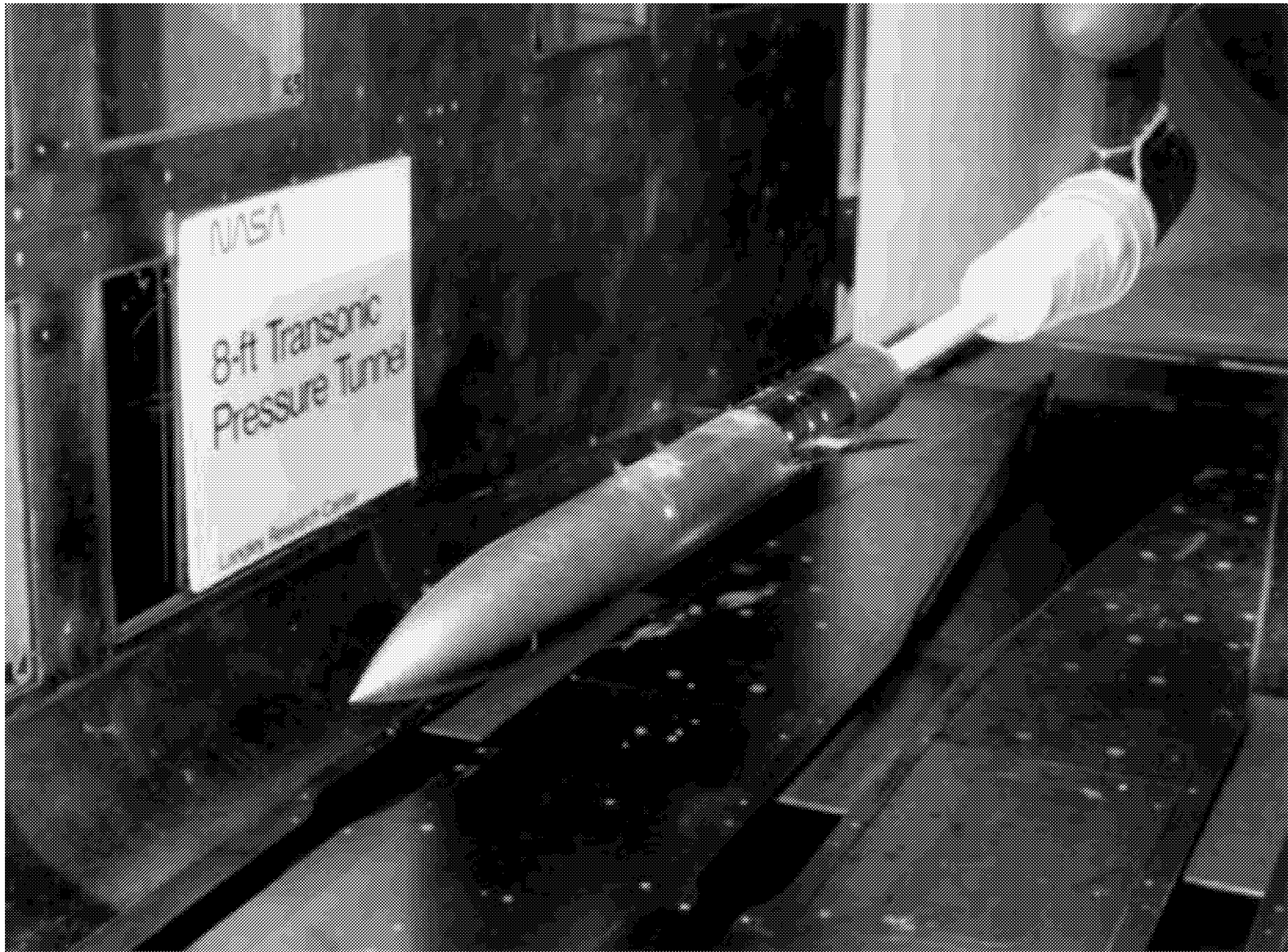


Figure 3. Fin-body configuration mounted in 8-FT TPT.

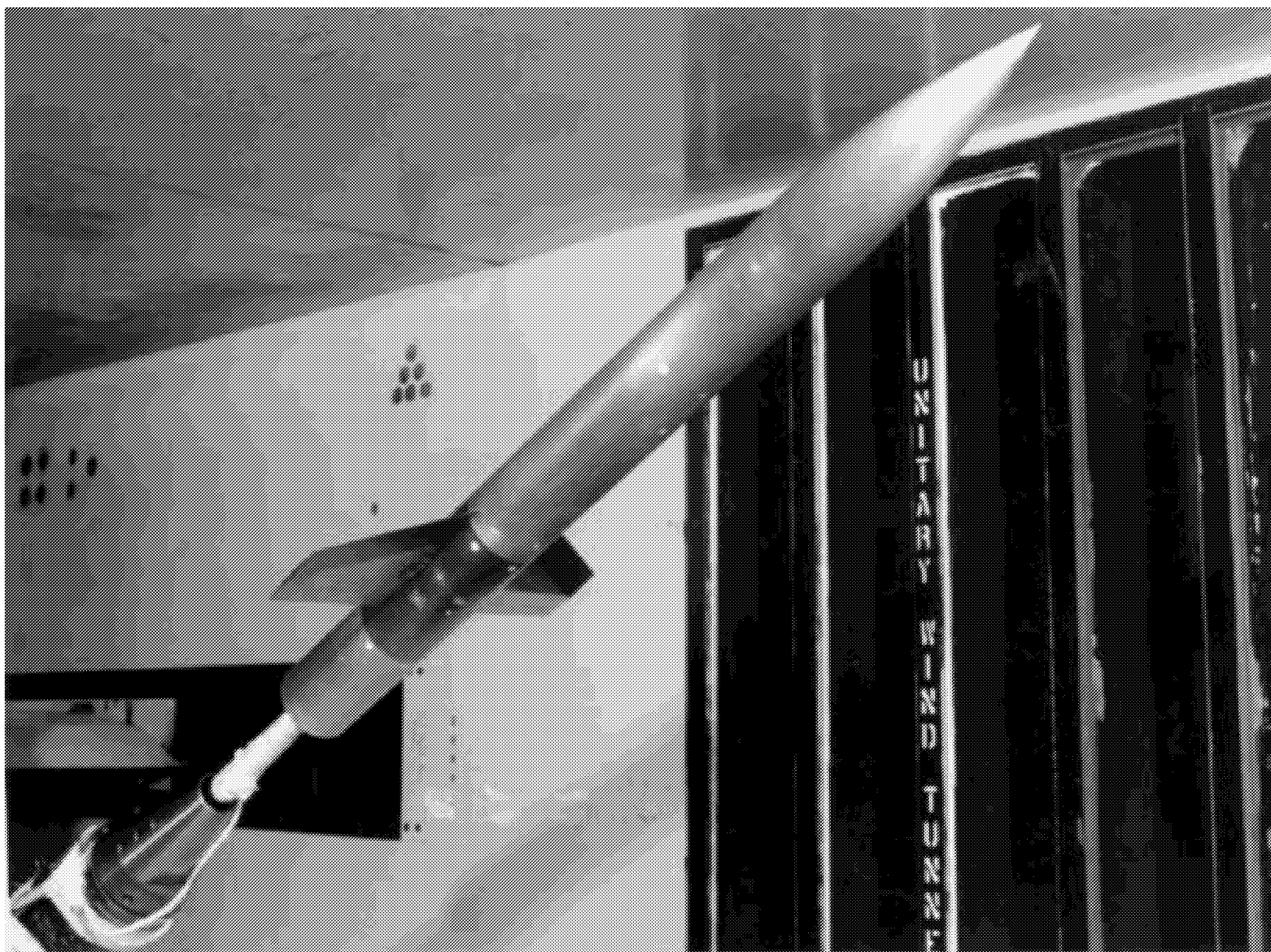


Figure 4. Fin-body configuration mounted in high-speed test section of UPWT.

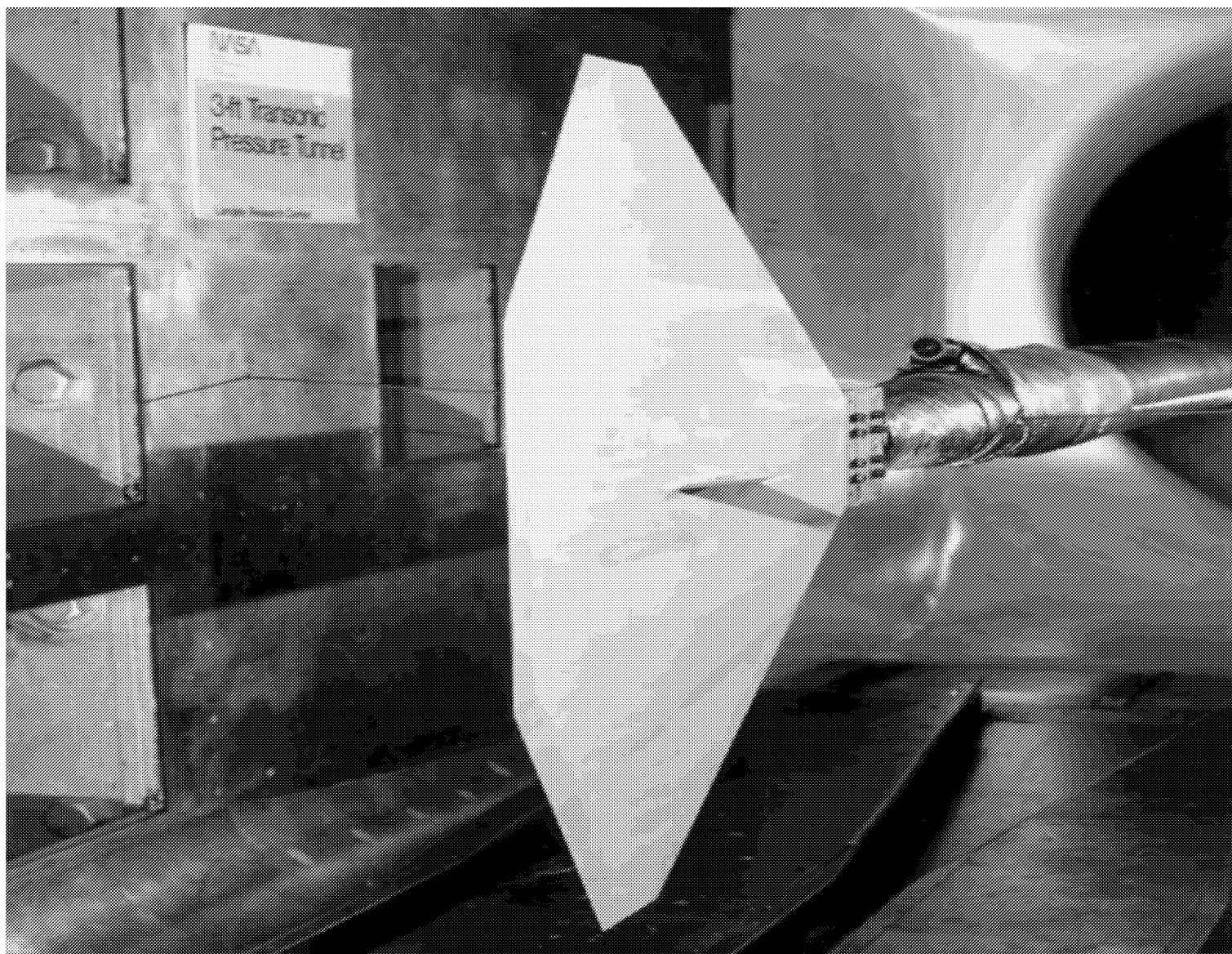
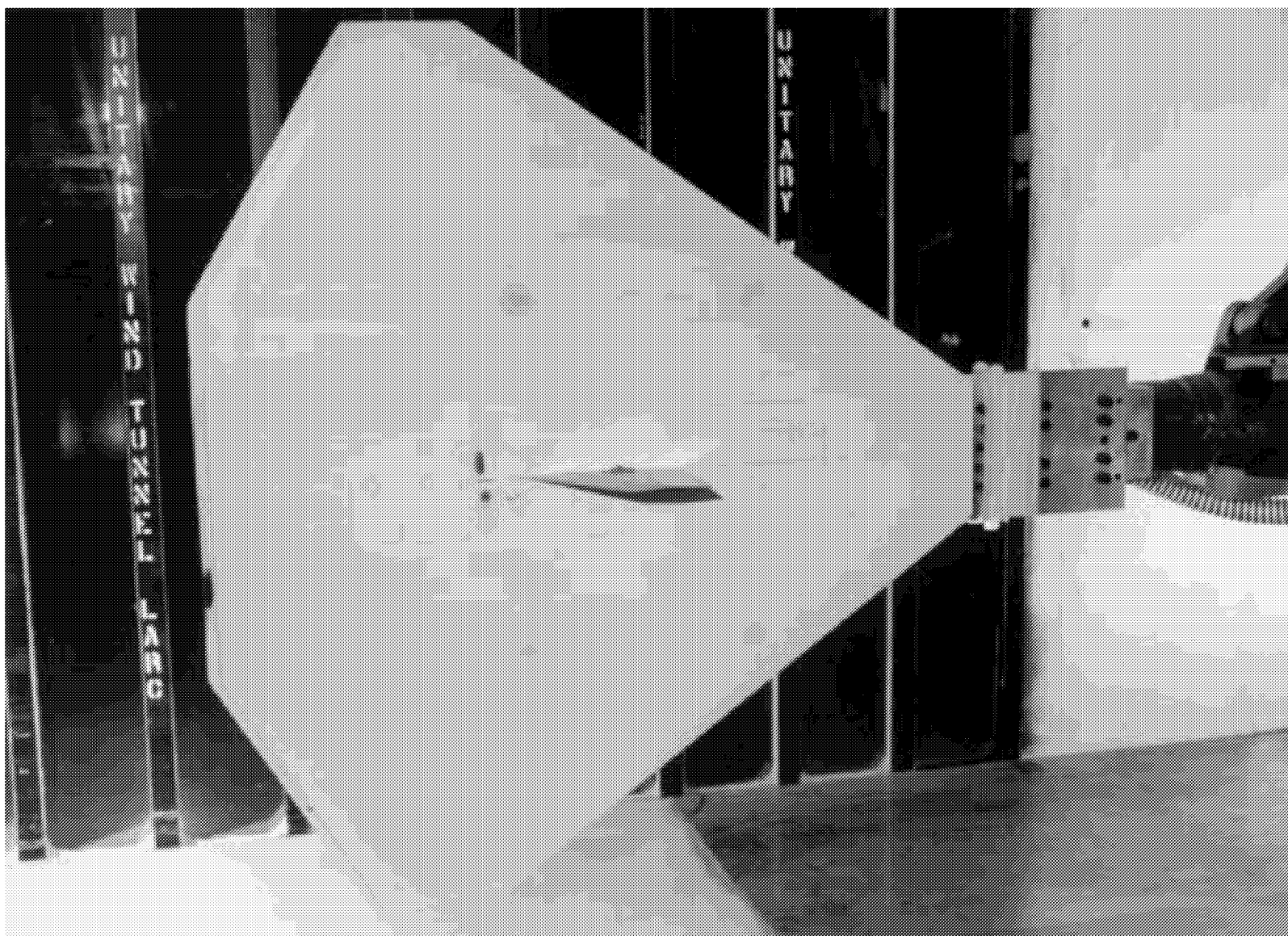
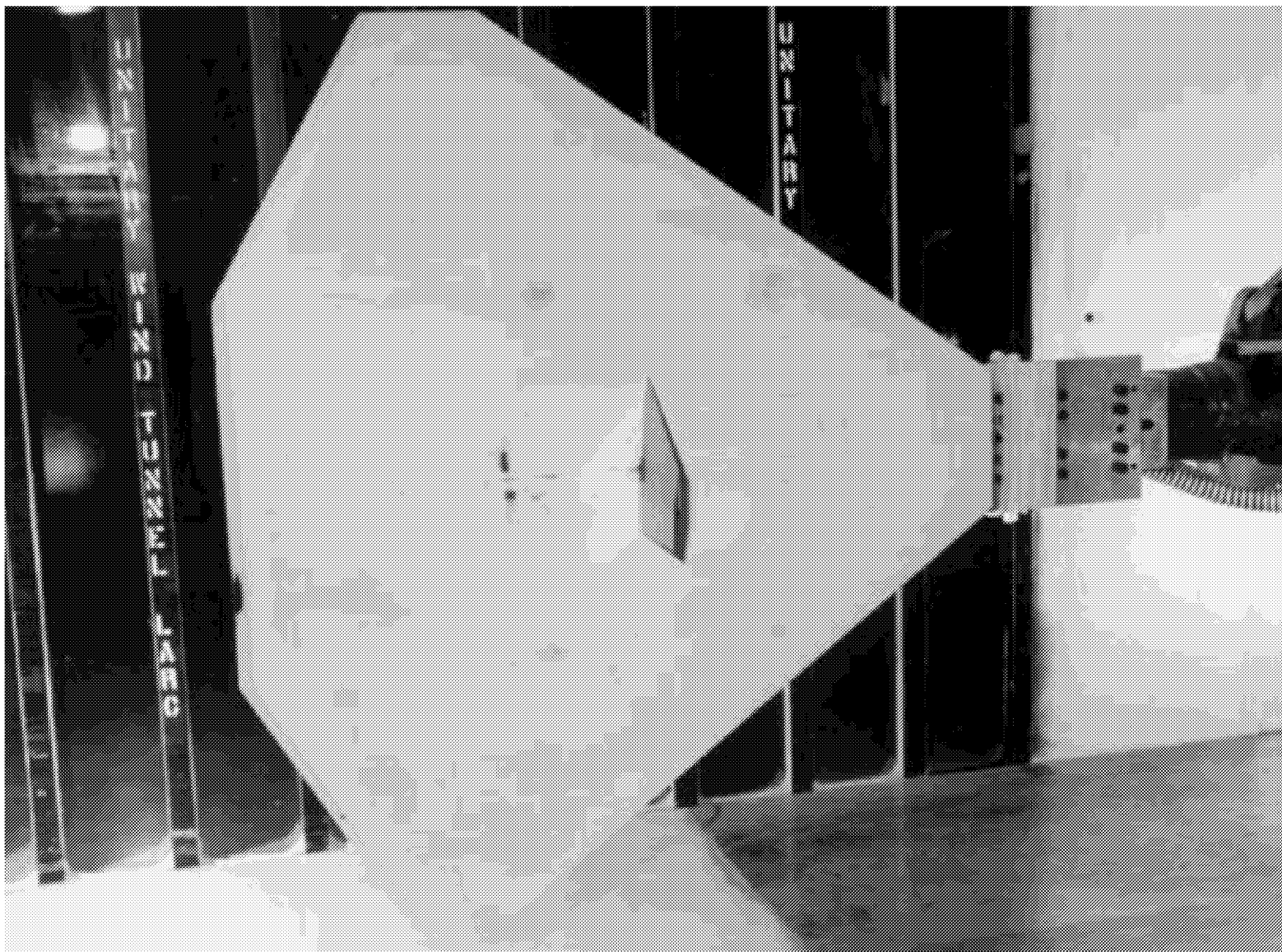


Figure 5. Fin-plate configuration mounted in 8-FT TPT.



(a) $\alpha = 0^\circ$.

Figure 6. Fin-plate configuration mounted in low-speed test section of UPWT.



(b) $\alpha = 90^\circ$.

Figure 6. Concluded.

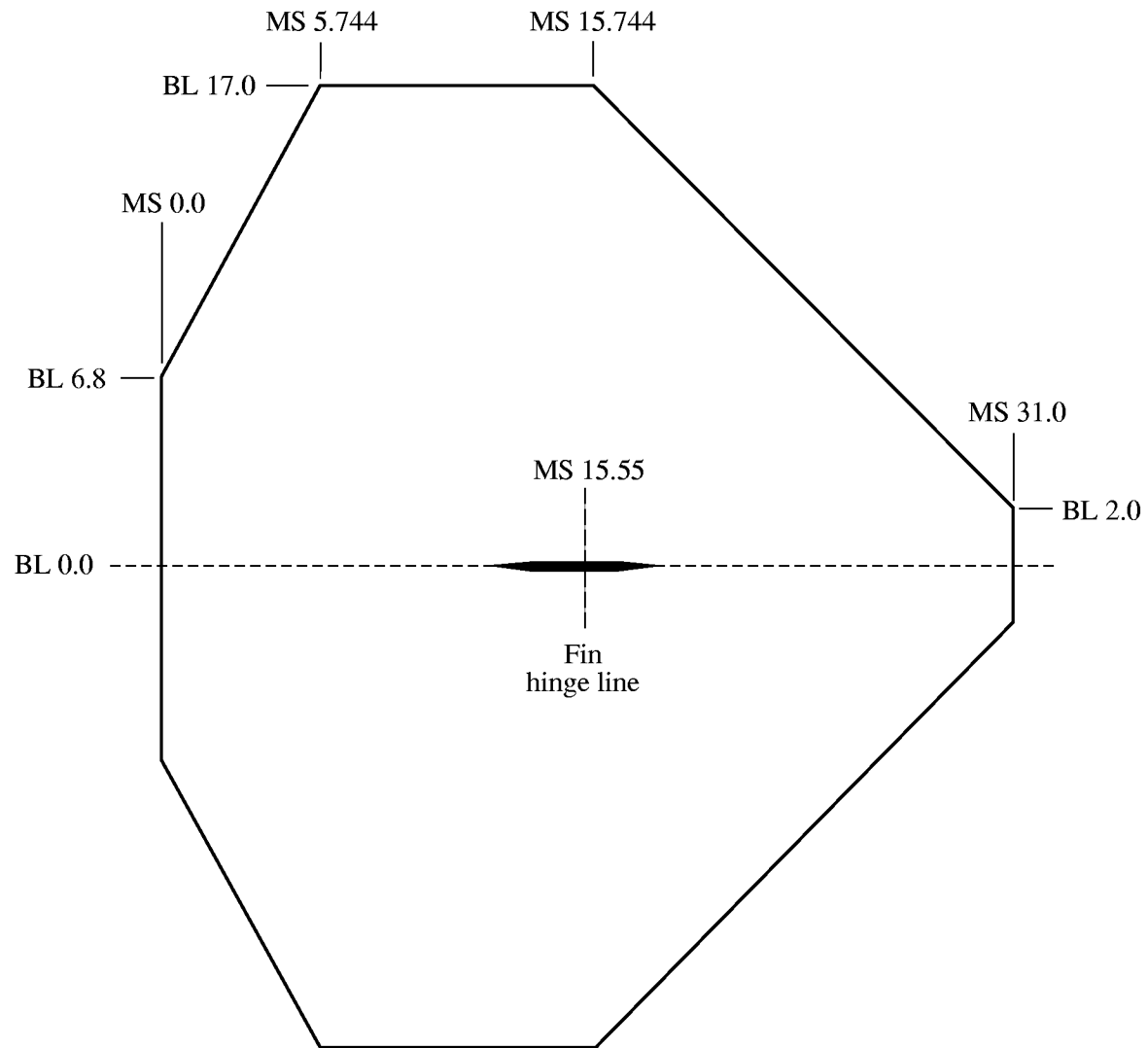


Figure 7. Schematic of flat plate. Dimensions are in inches.

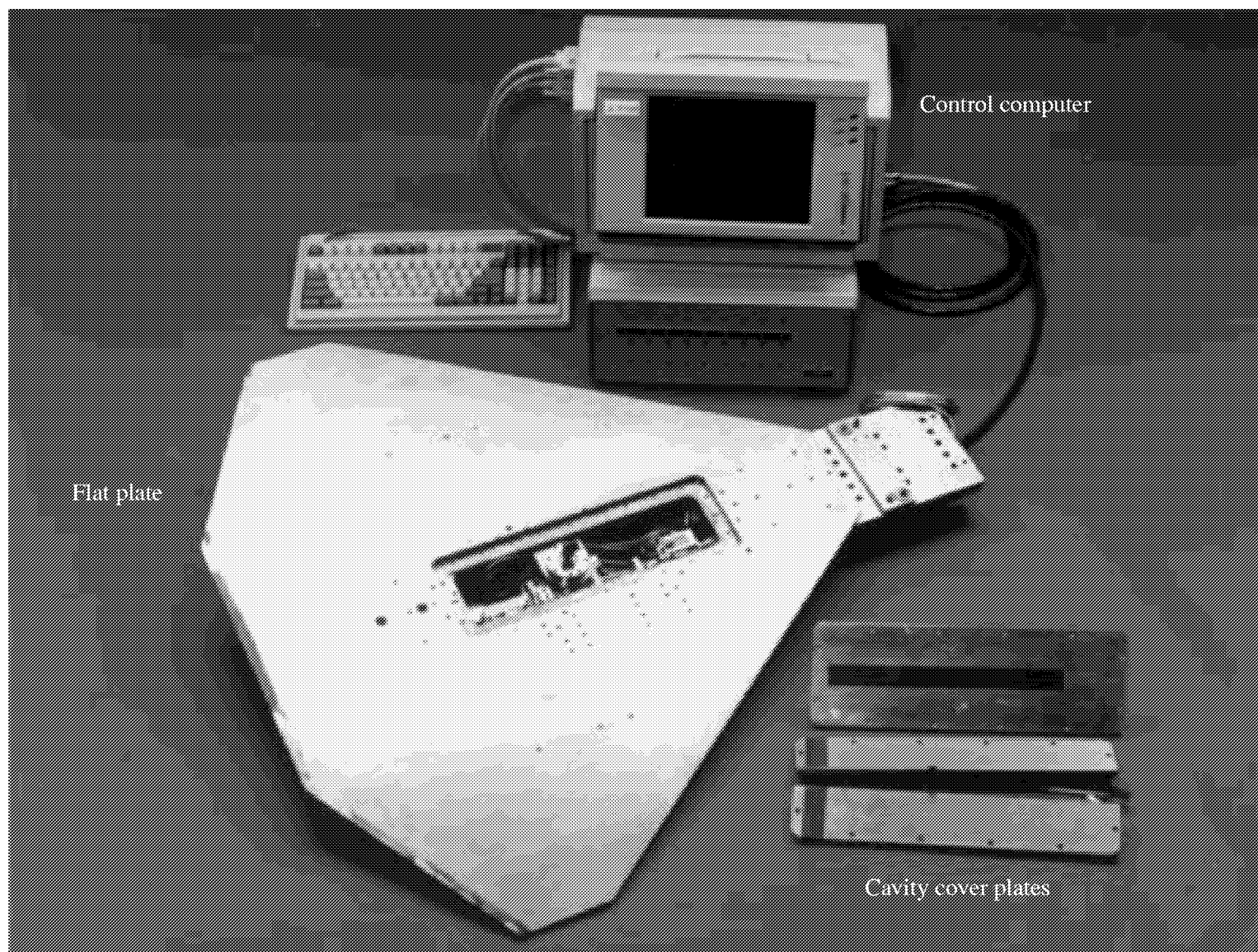


Figure 8. Fin attitude control system.

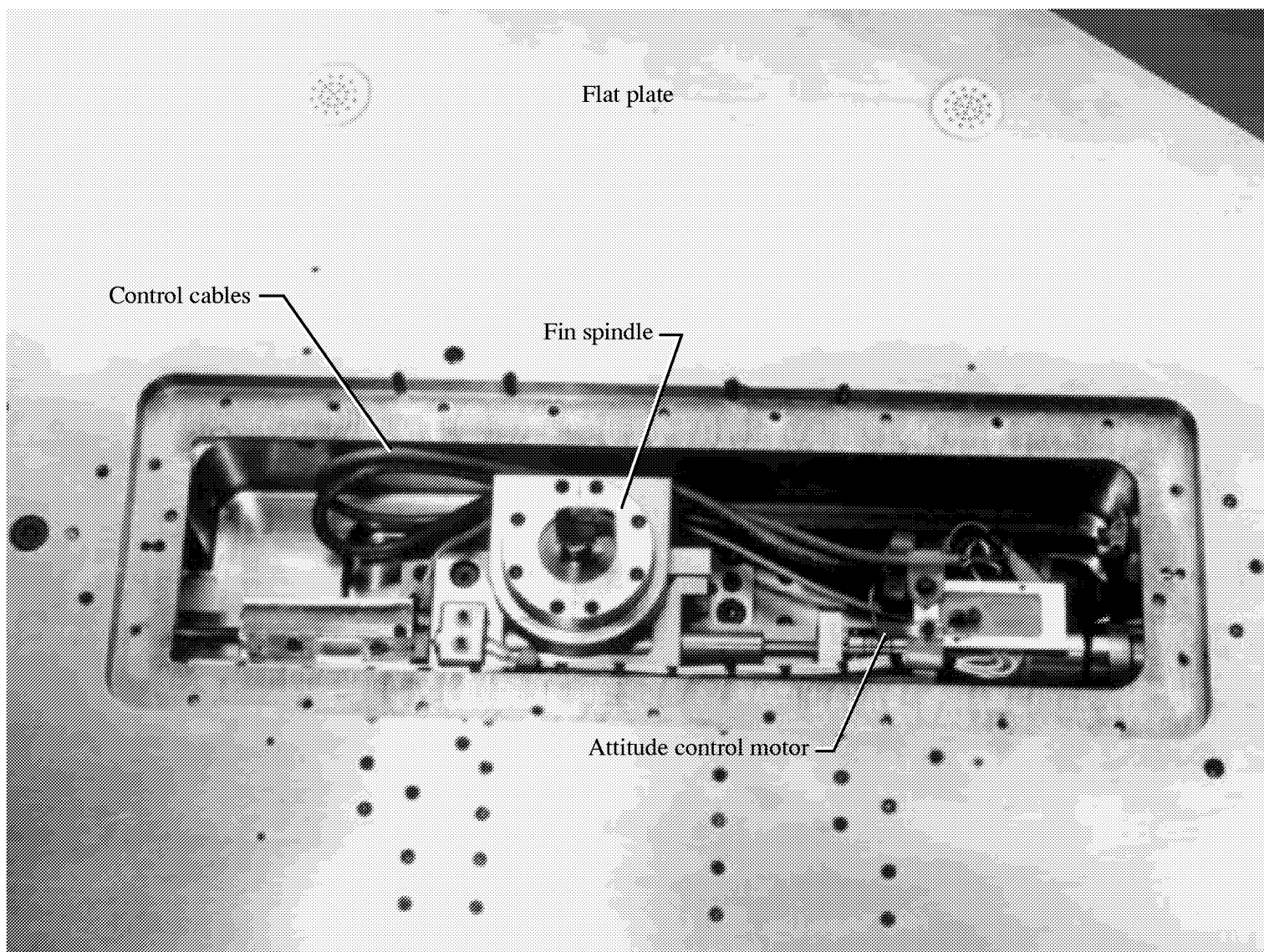


Figure 9. Fin attitude drive mechanism.

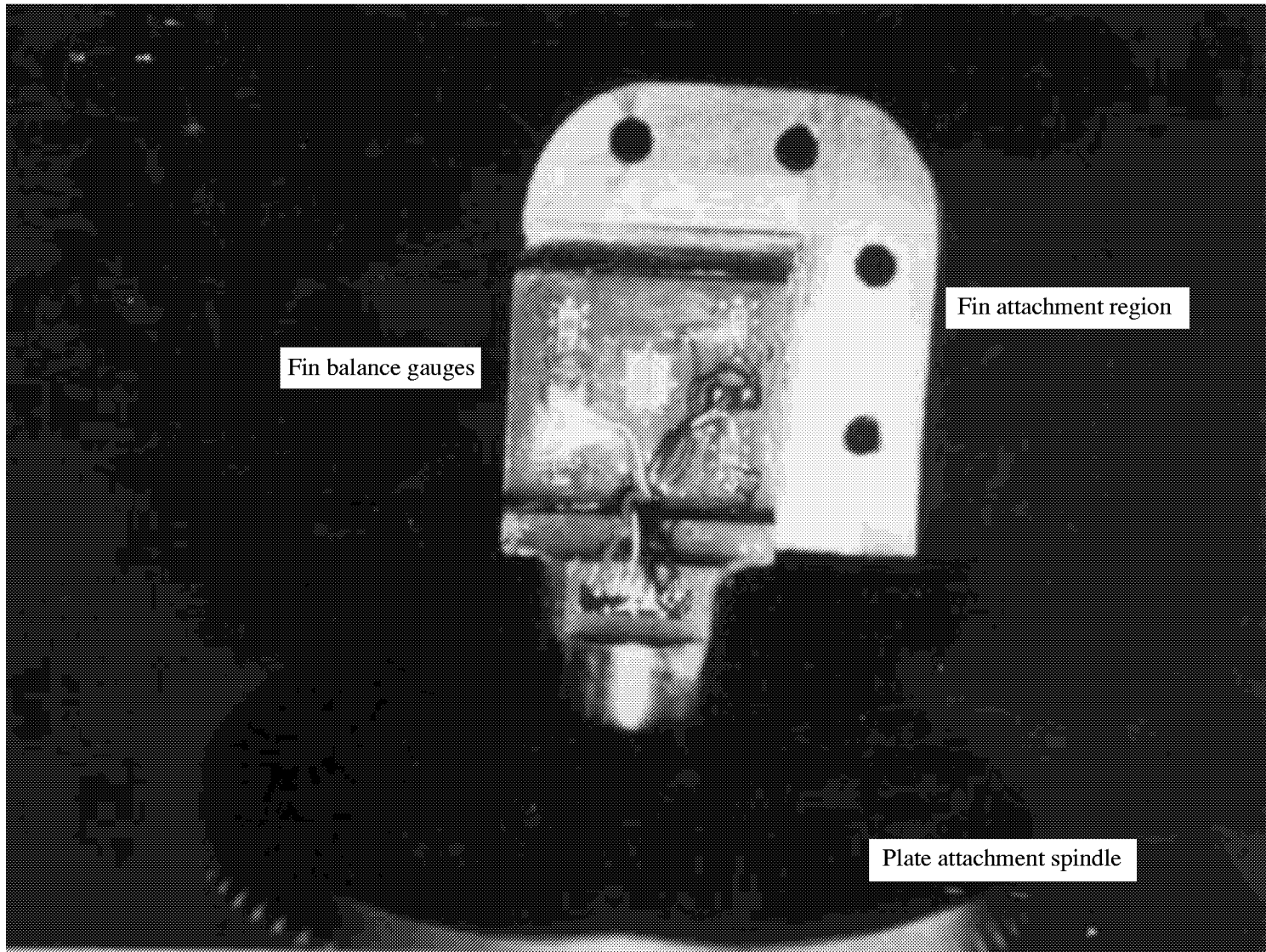


Figure 10. Close-up of fin mount 2.

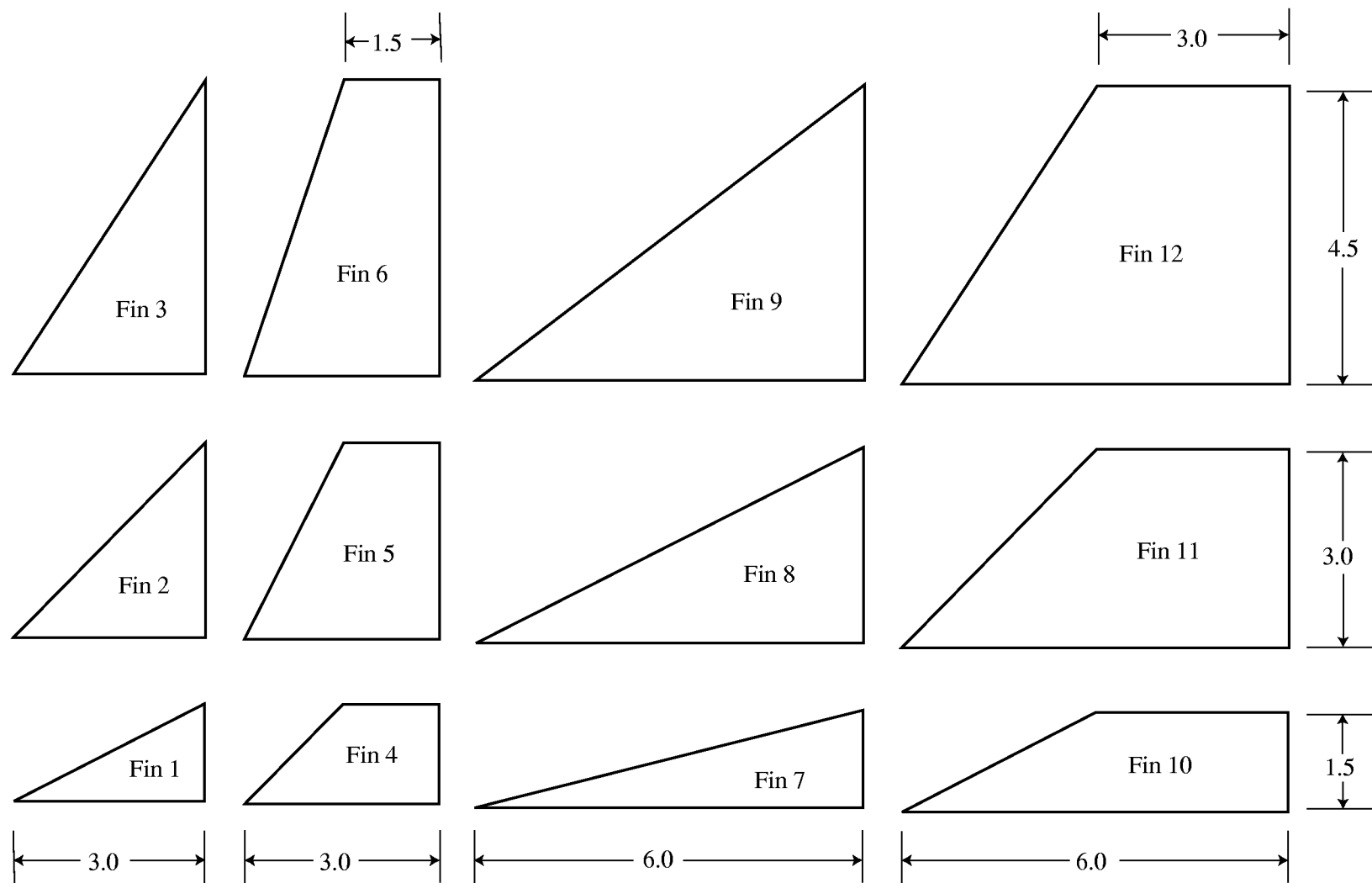


Figure 11. Schematic of fin planforms. Dimensions are in inches.

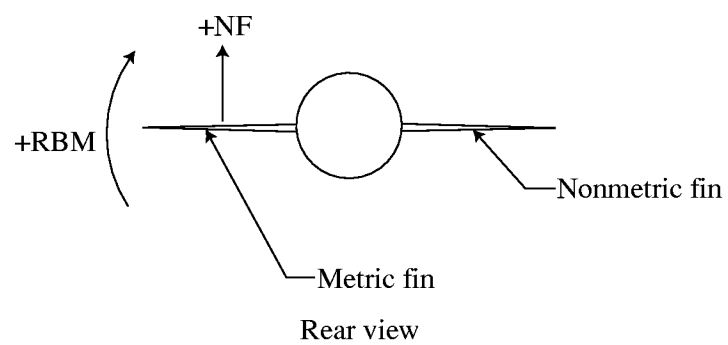
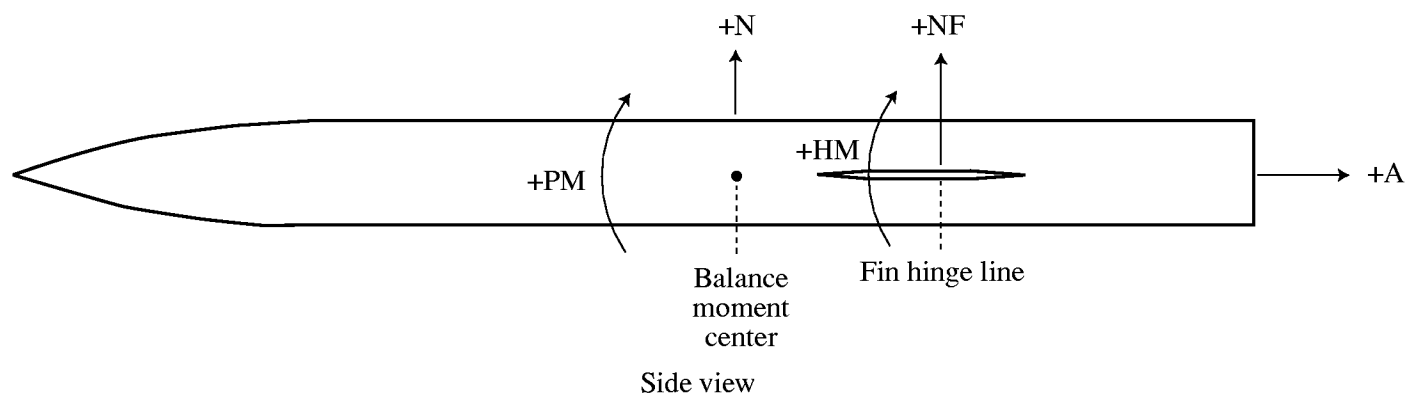
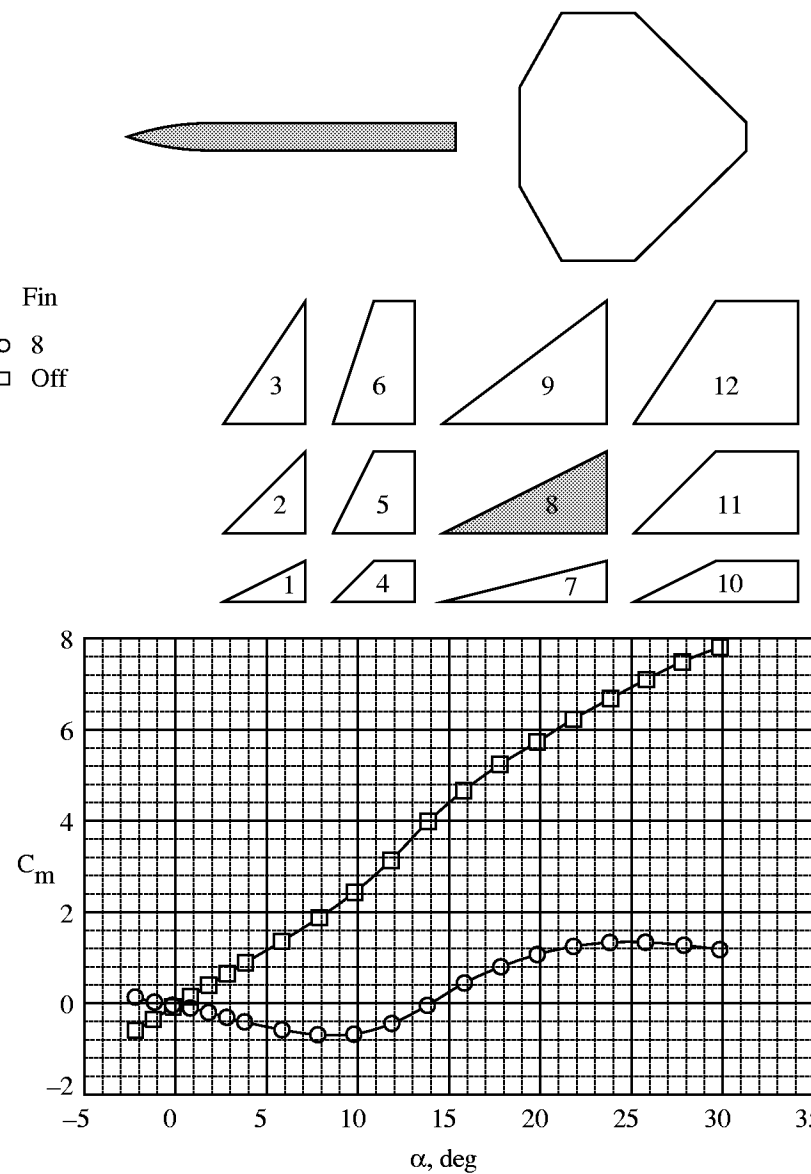
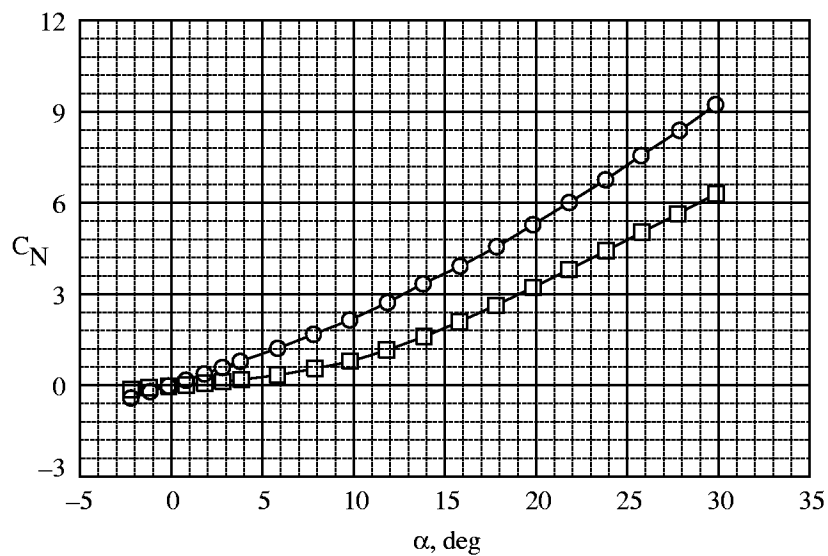
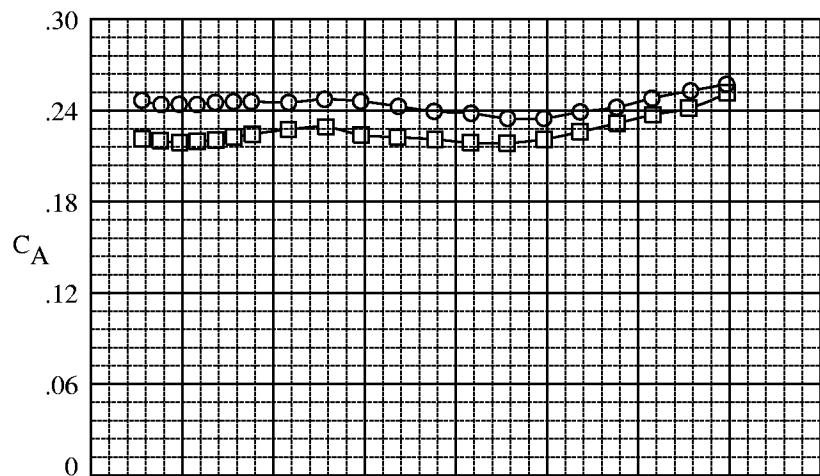
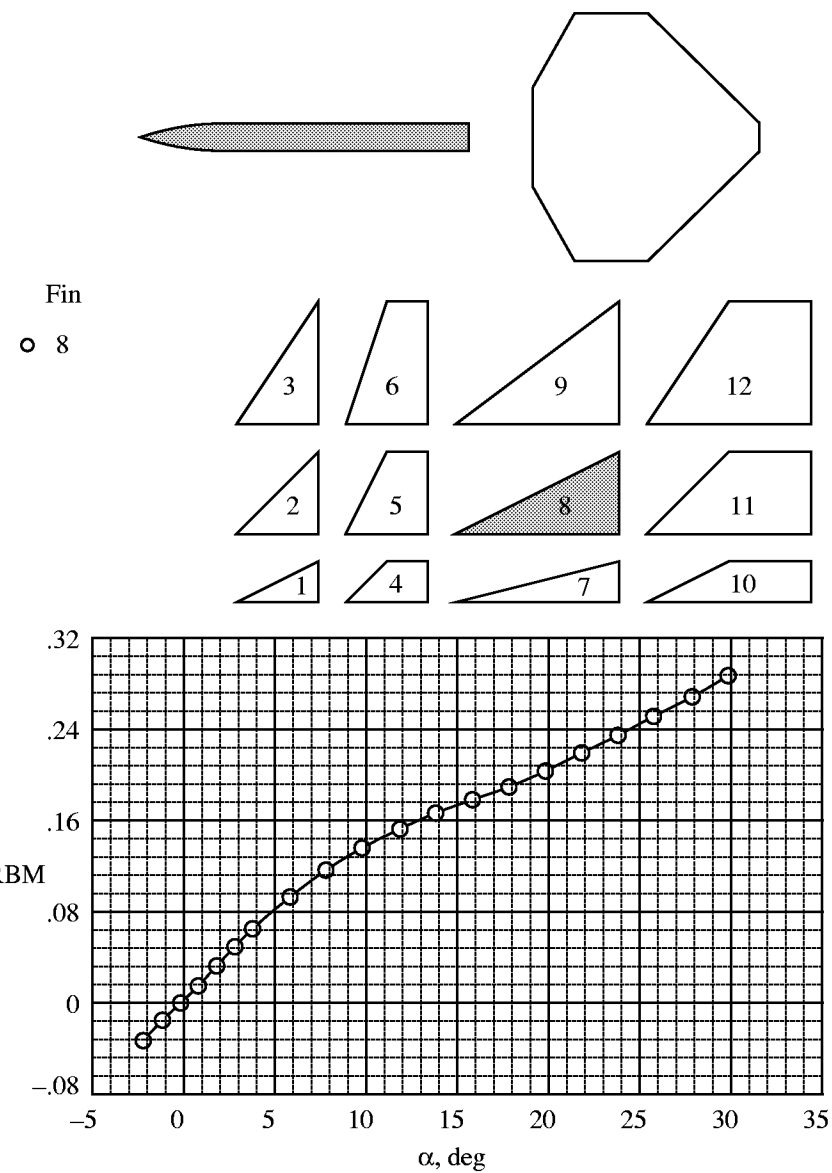
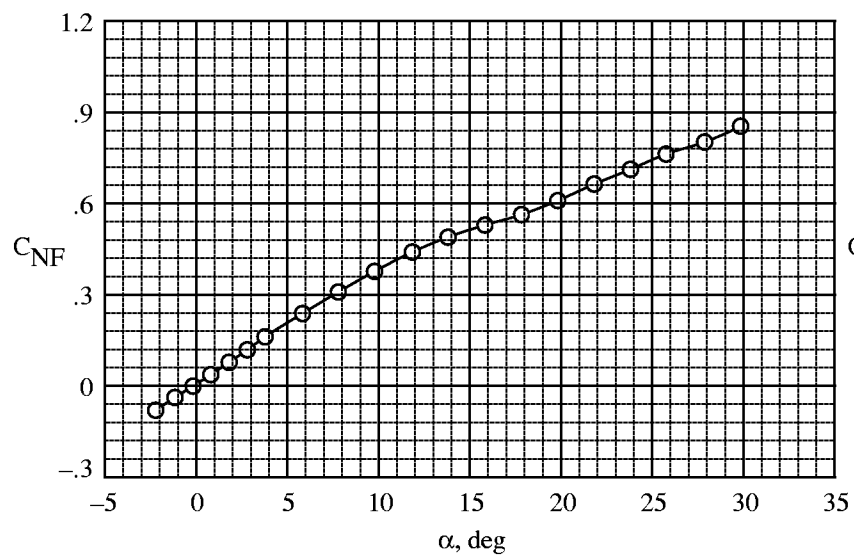
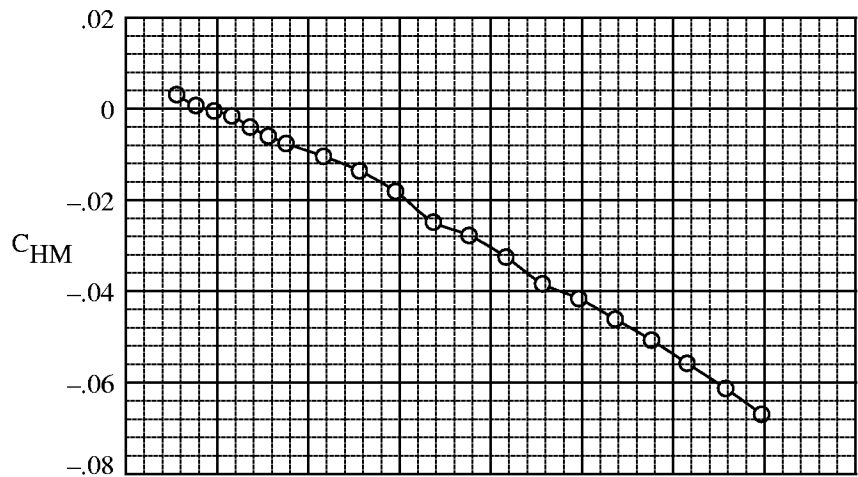


Figure 12. Force and moment sign conventions.



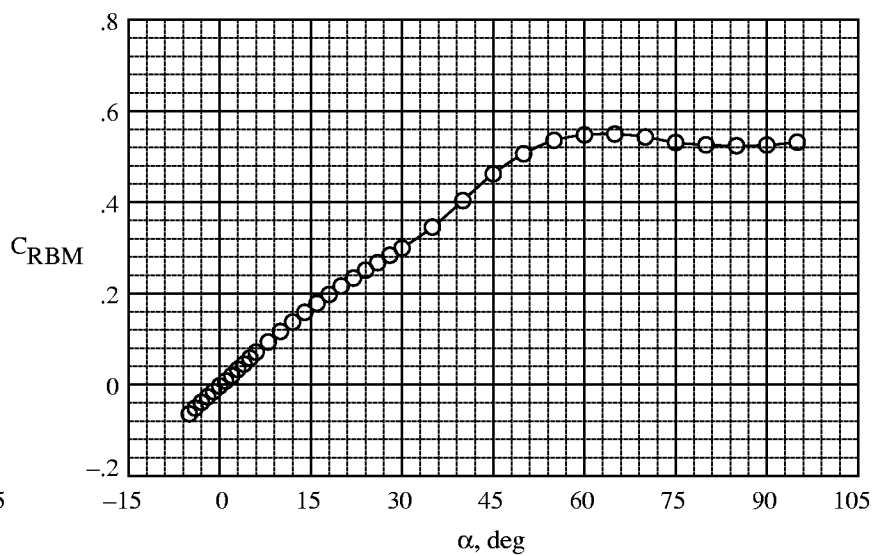
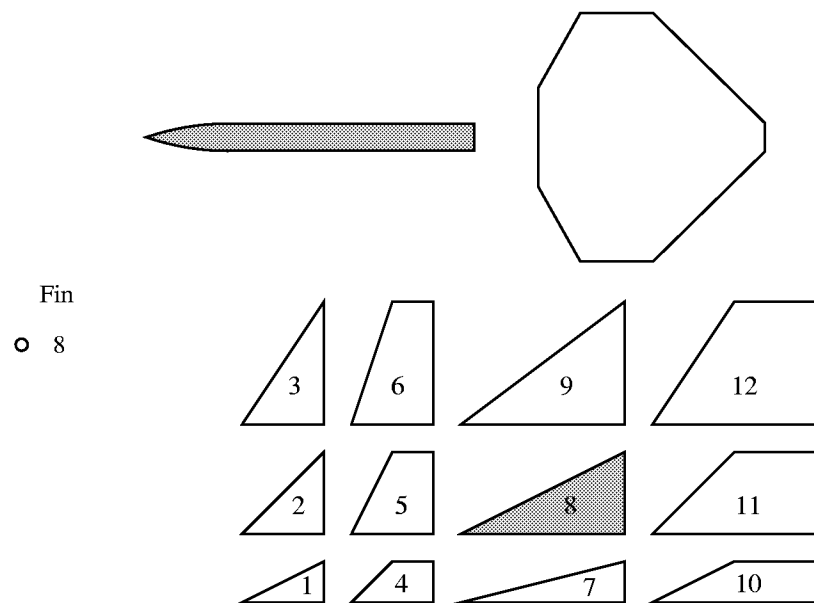
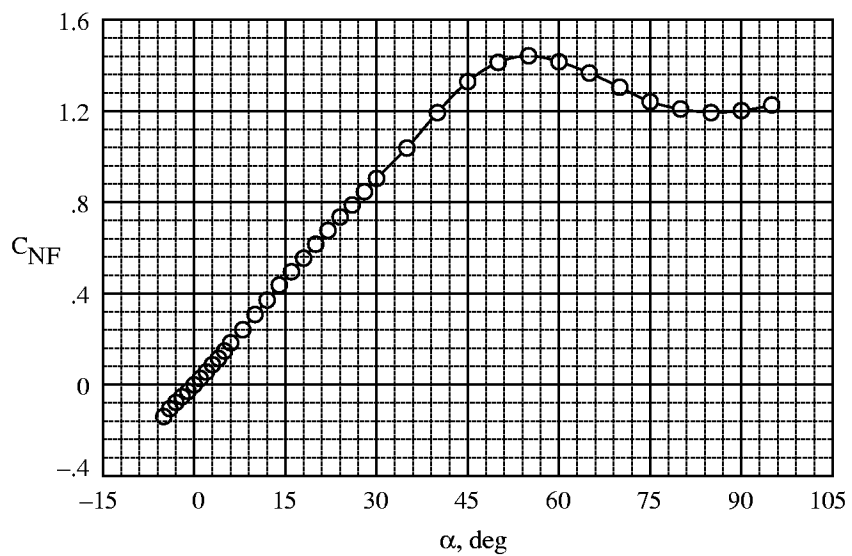
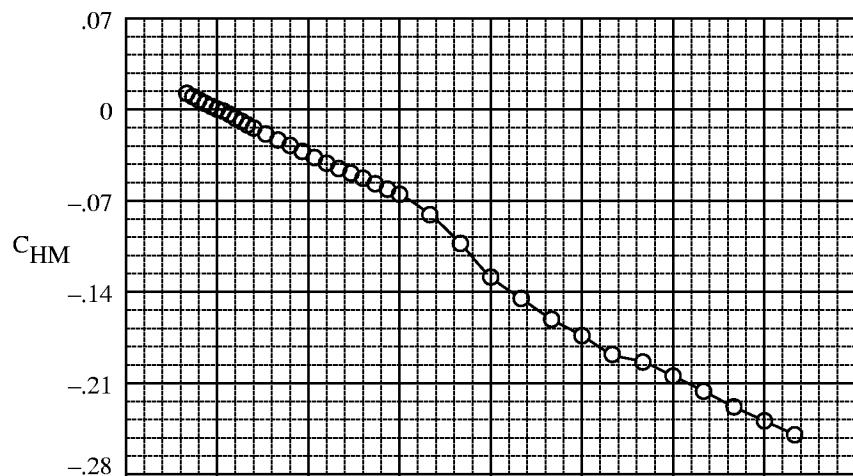
(a) Loads for total body configuration.

Figure 13. Effects of angle of attack at $M = 2.0$ and $\delta = 0^\circ$.



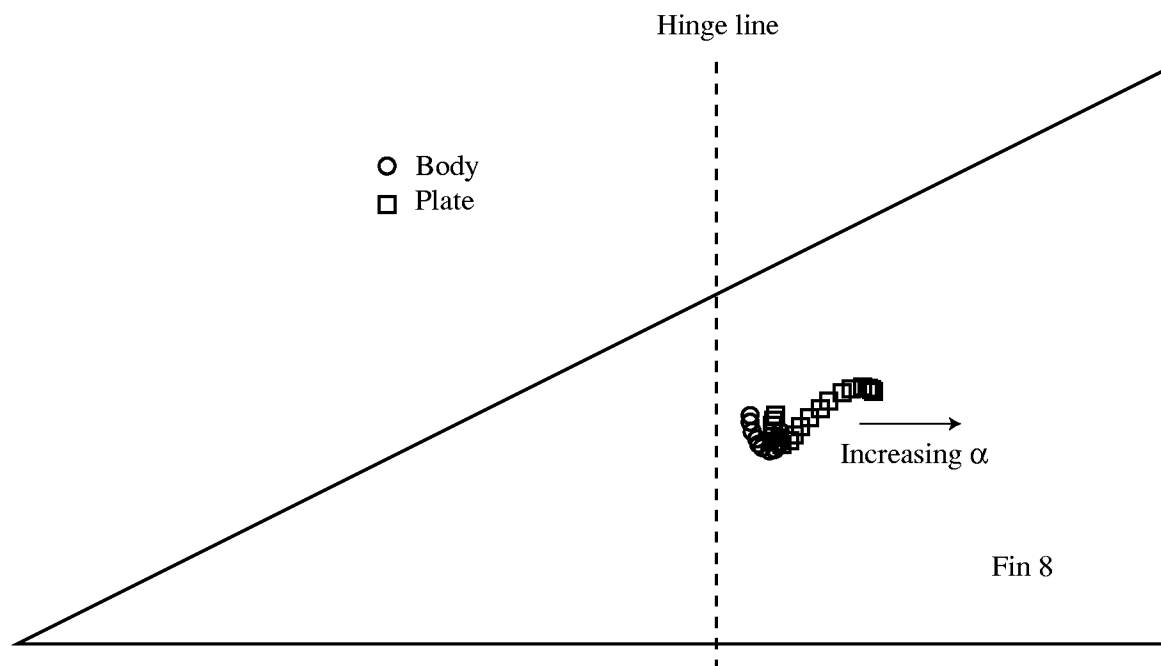
(b) Loads for body-mounted fin.

Figure 13. Continued.



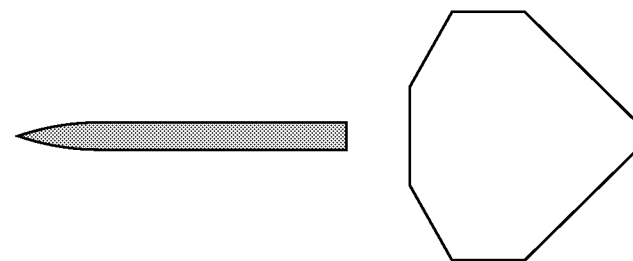
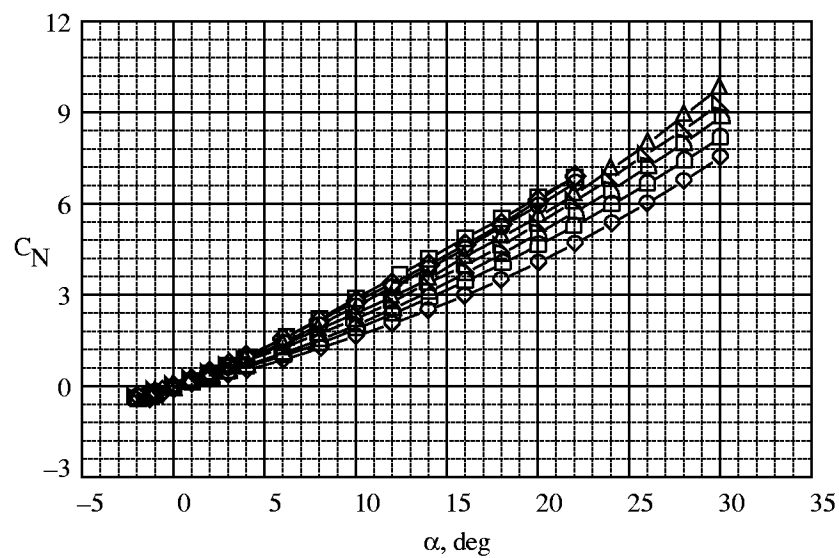
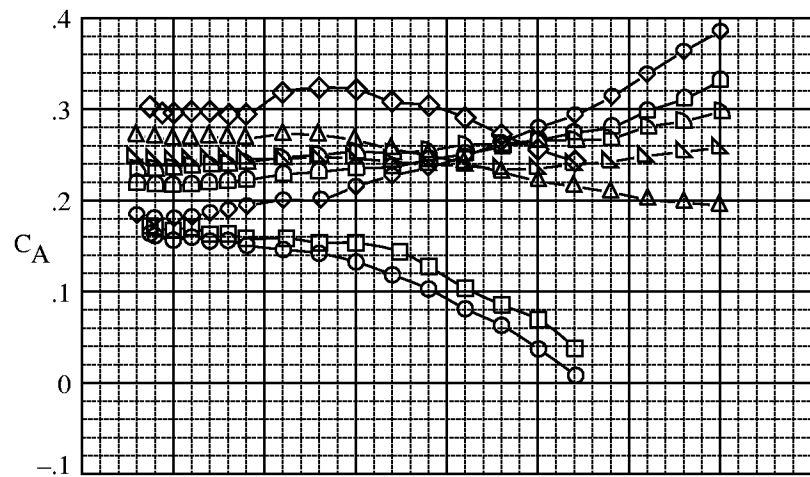
(c) Loads for plate-mounted fin.

Figure 13. Continued.



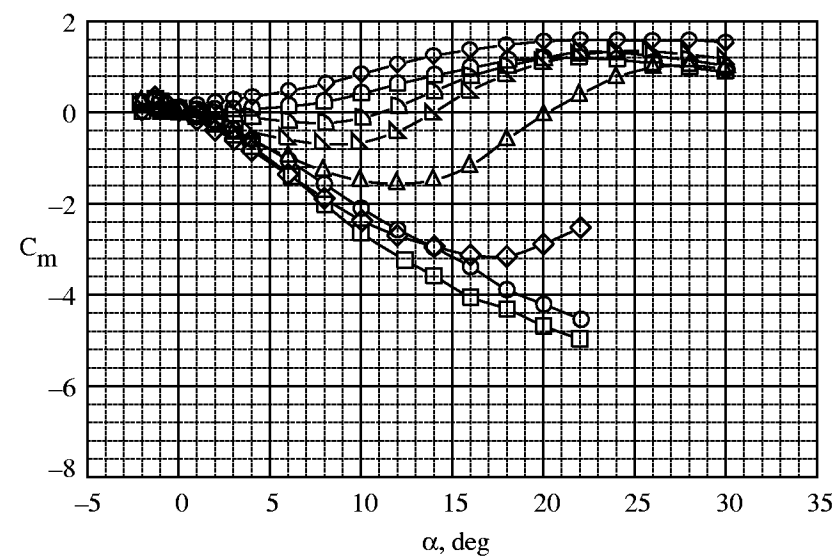
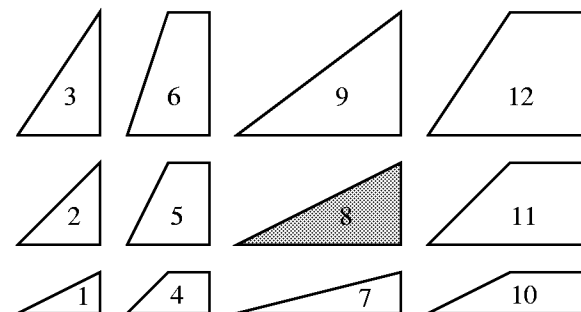
(d) Fin centers of pressure.

Figure 13. Concluded.



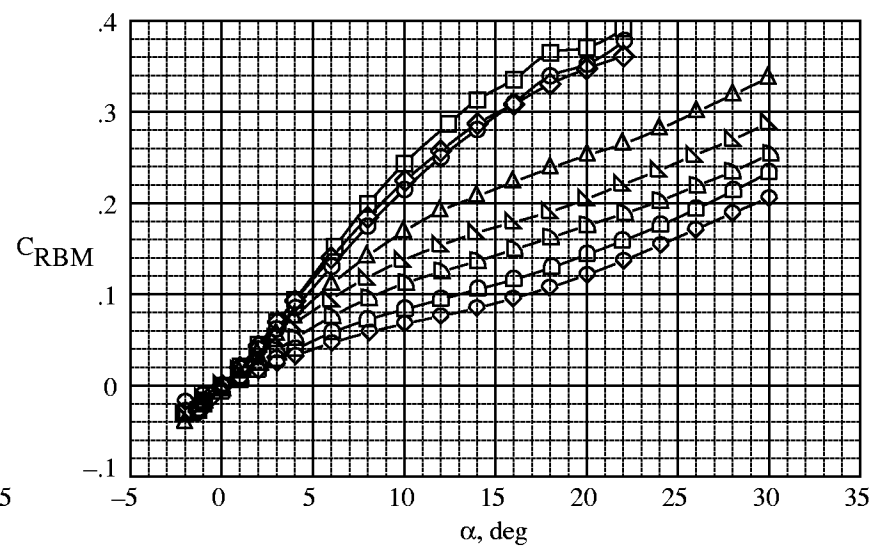
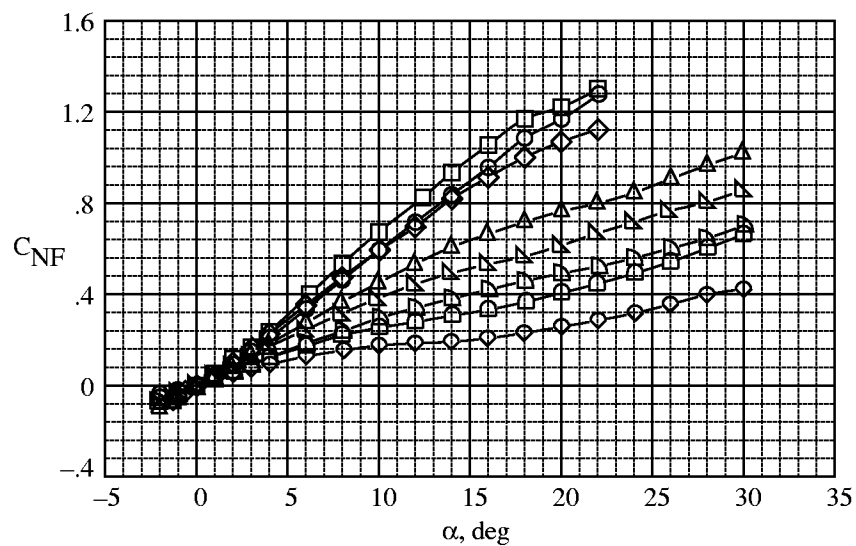
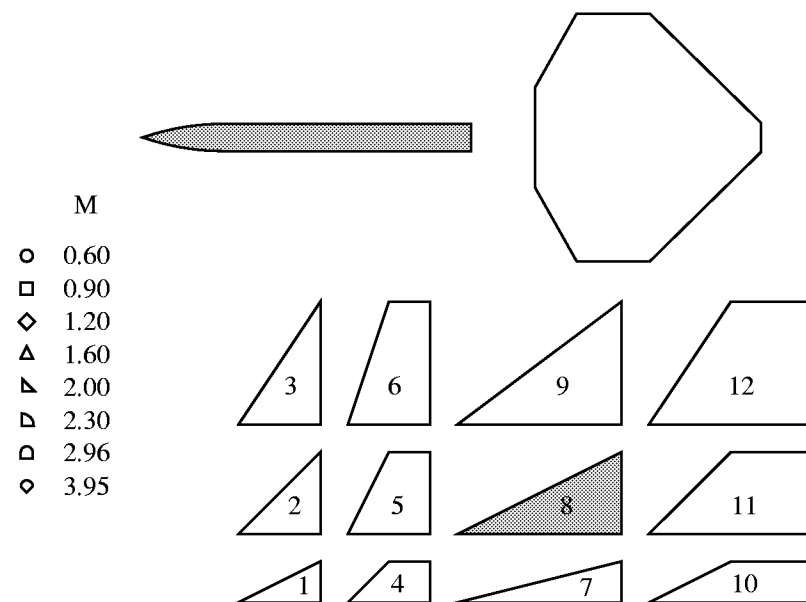
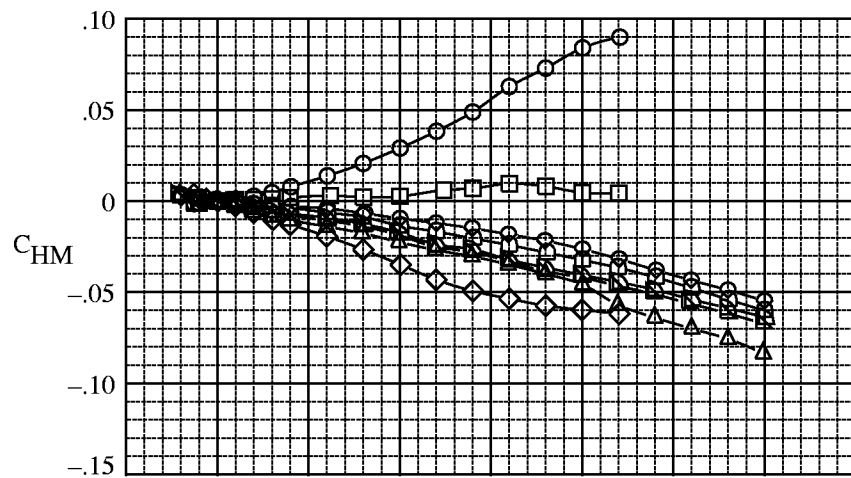
M

- 0.60
- 0.90
- ◇ 1.20
- △ 1.60
- ▴ 2.00
- ▤ 2.30
- ▥ 2.96
- ◊ 3.95



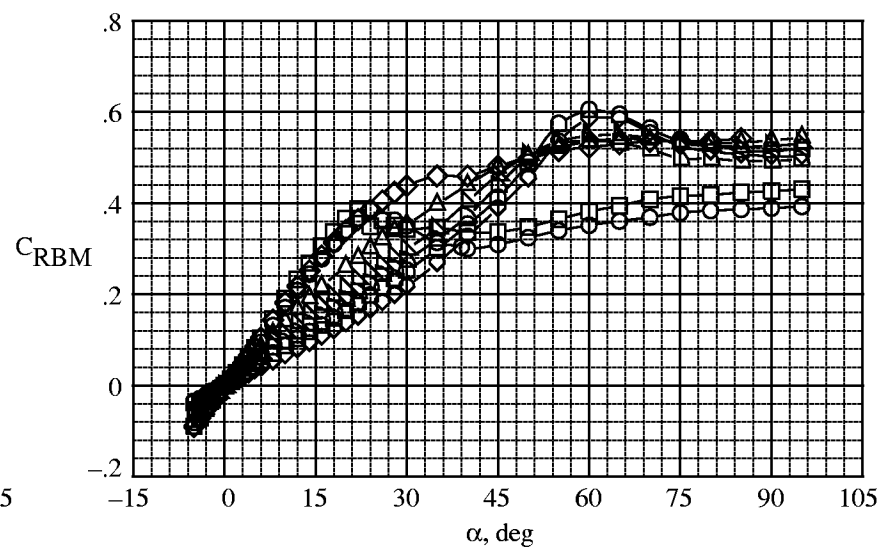
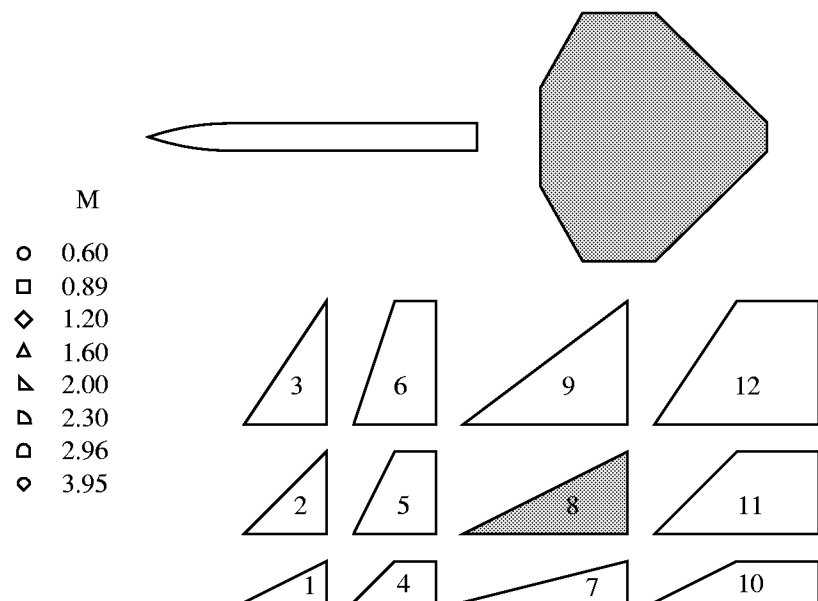
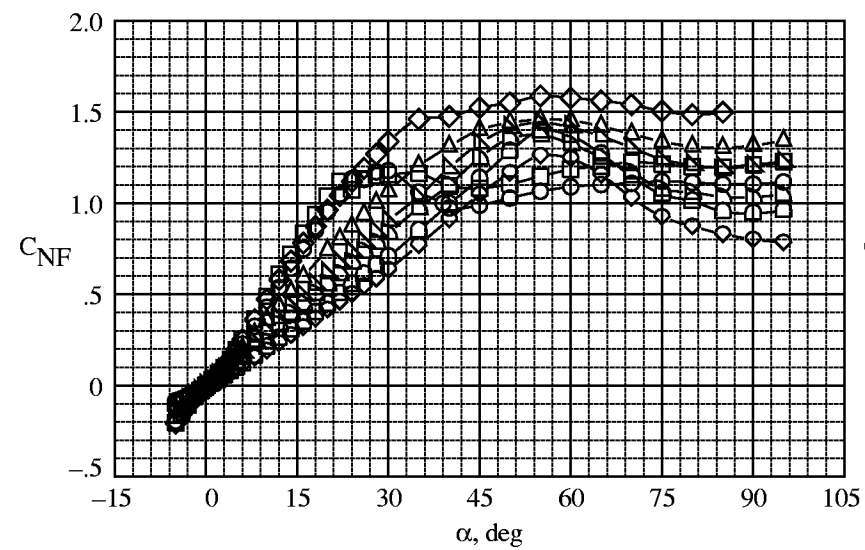
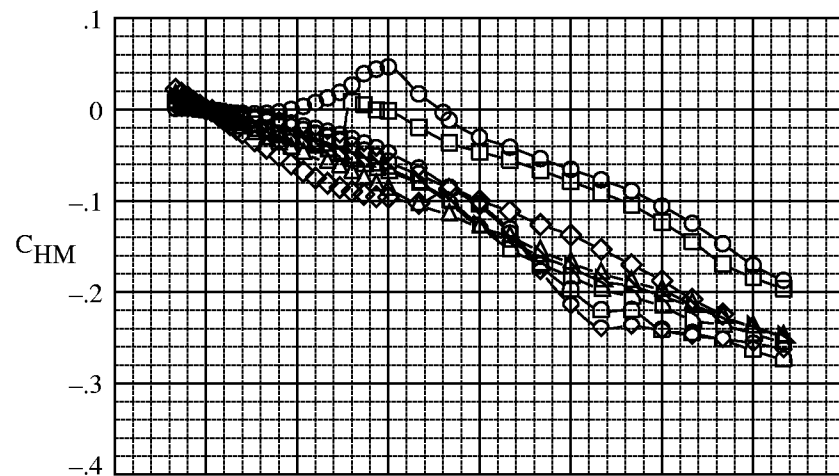
(a) Loads for total body configuration.

Figure 14. Effects of Mach number for fin 8 and $\delta = 0^\circ$.



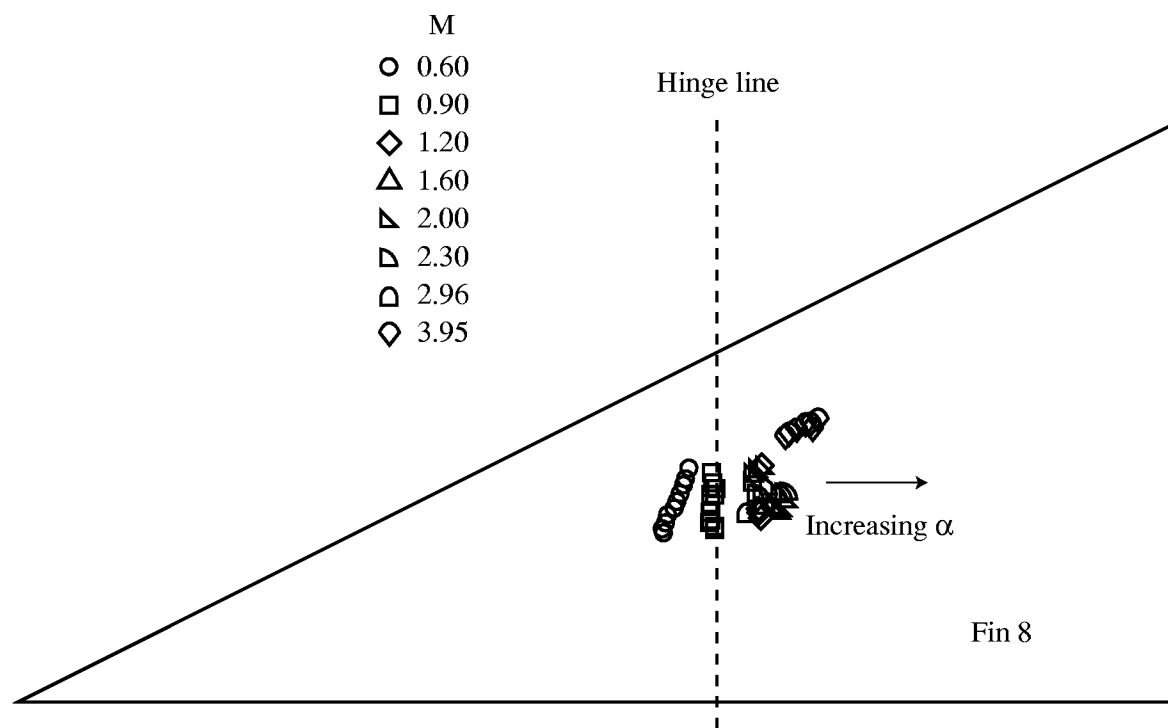
(b) Loads for body-mounted fin.

Figure 14. Continued.

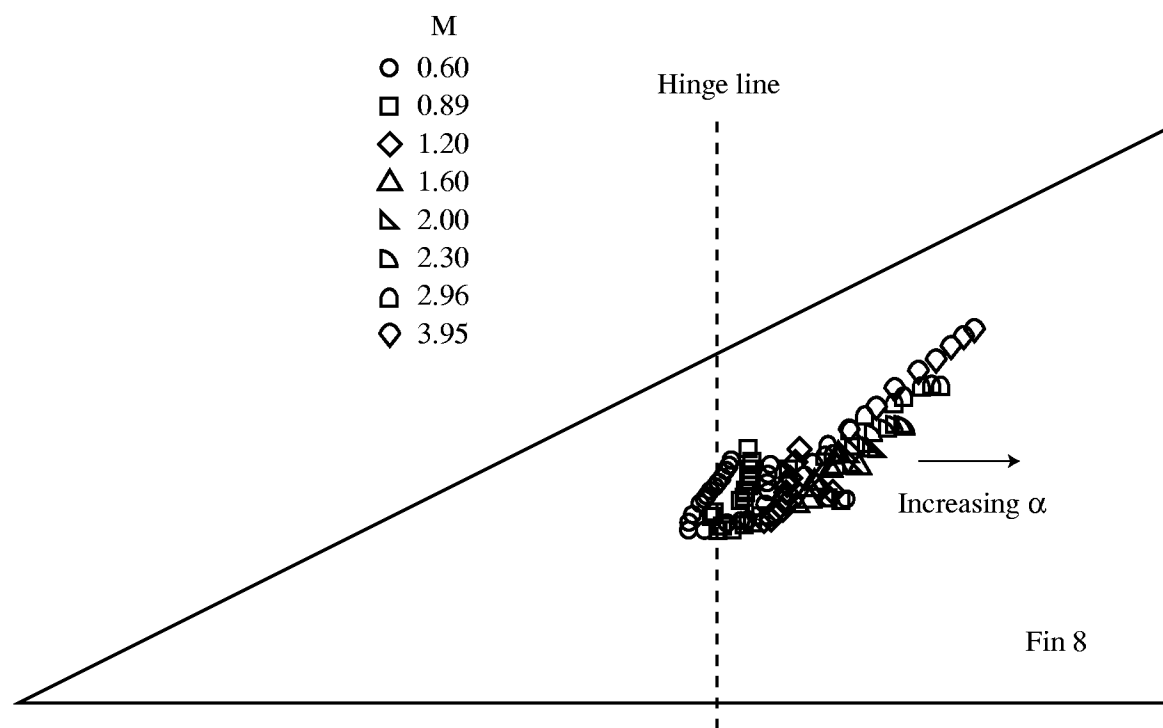


(c) Loads for plate-mounted fin.

Figure 14. Continued.

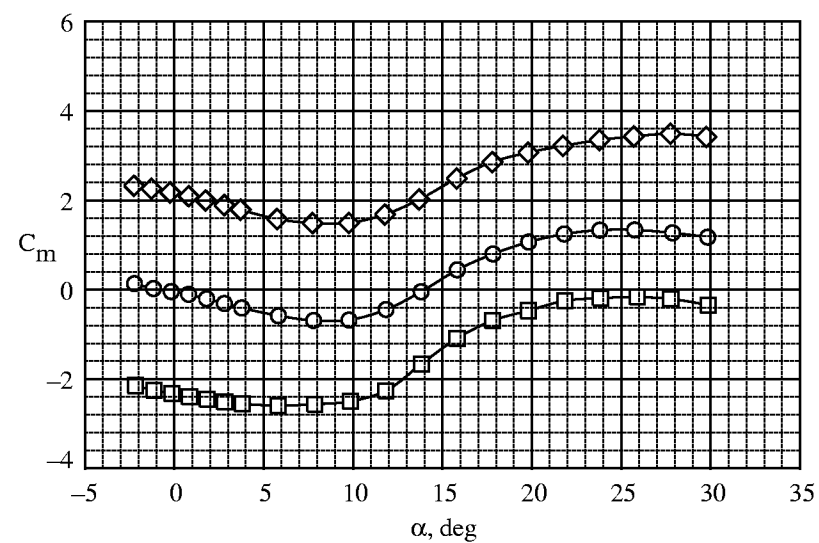
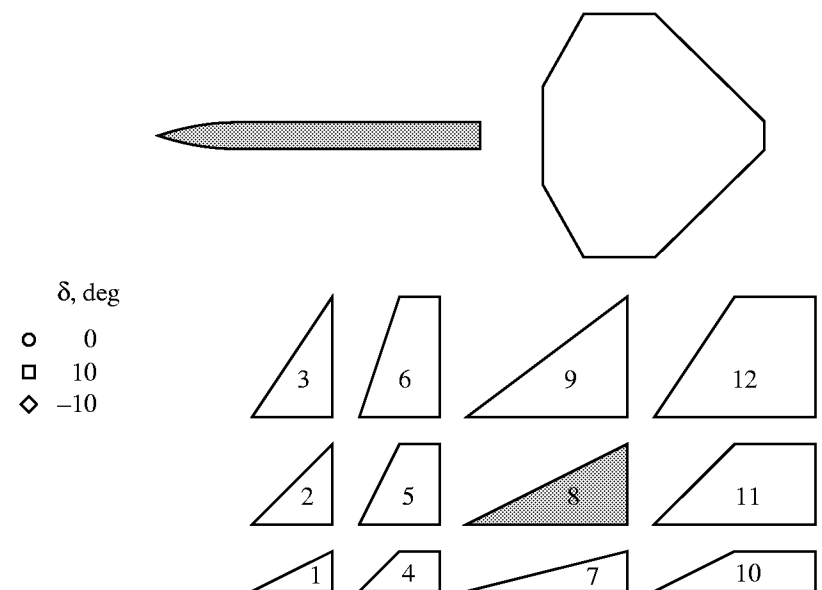
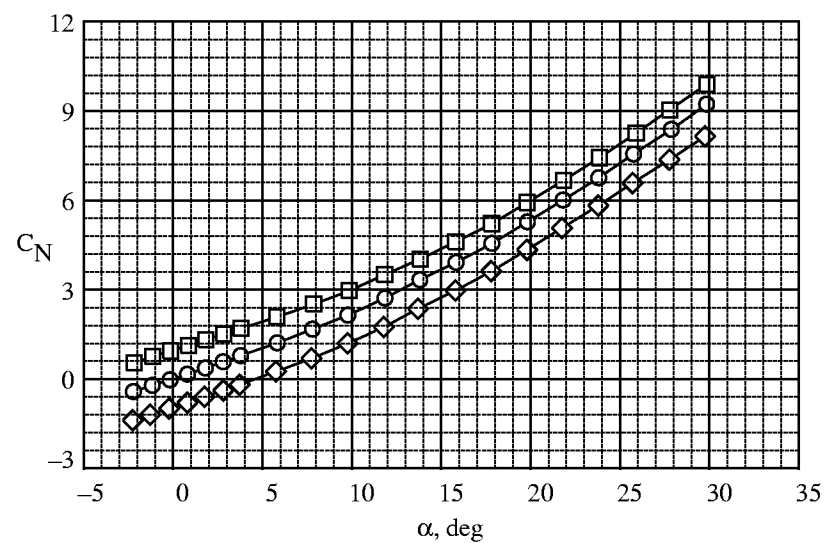
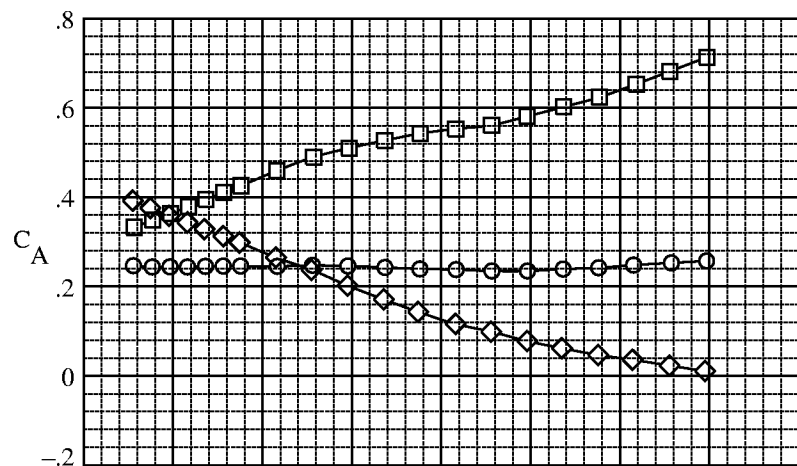


(d) Centers of pressure for body-mounted fin.
Figure 14. Continued.



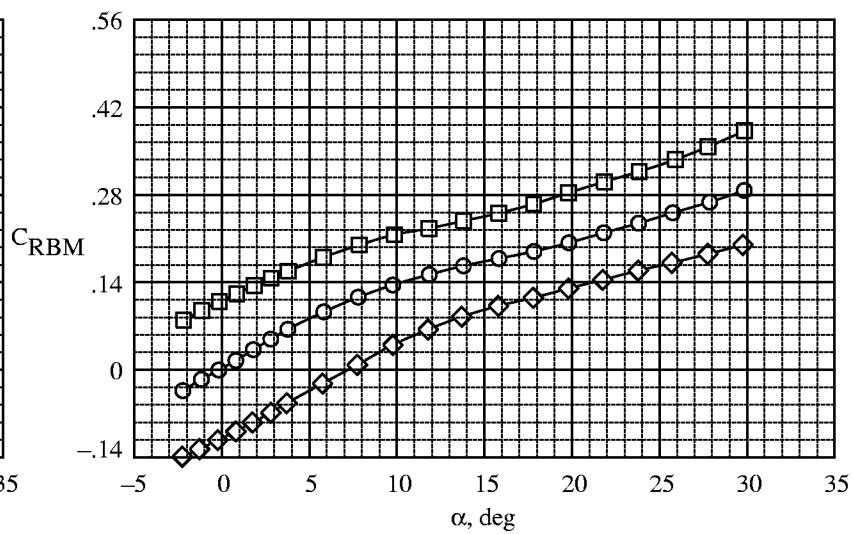
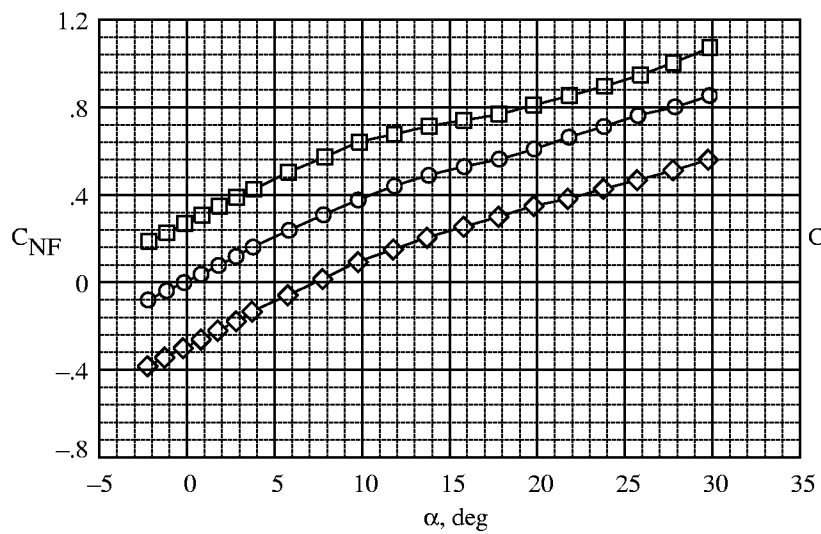
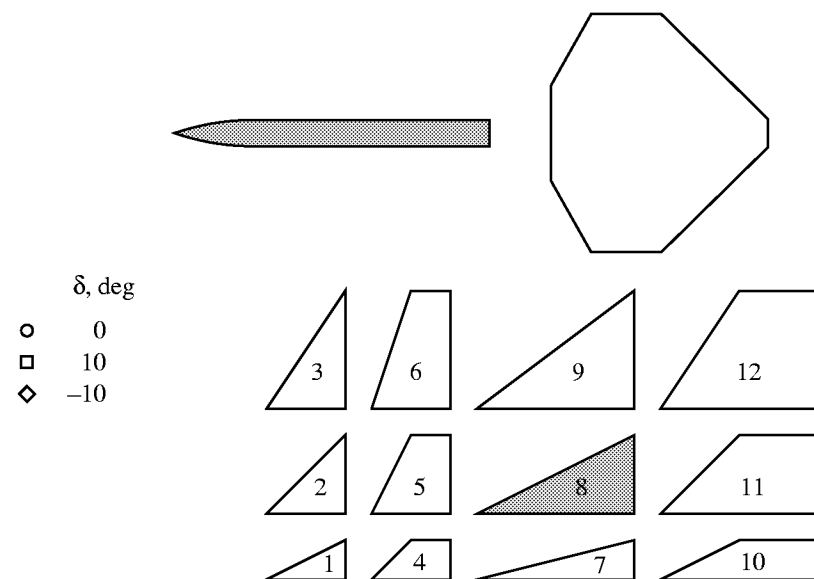
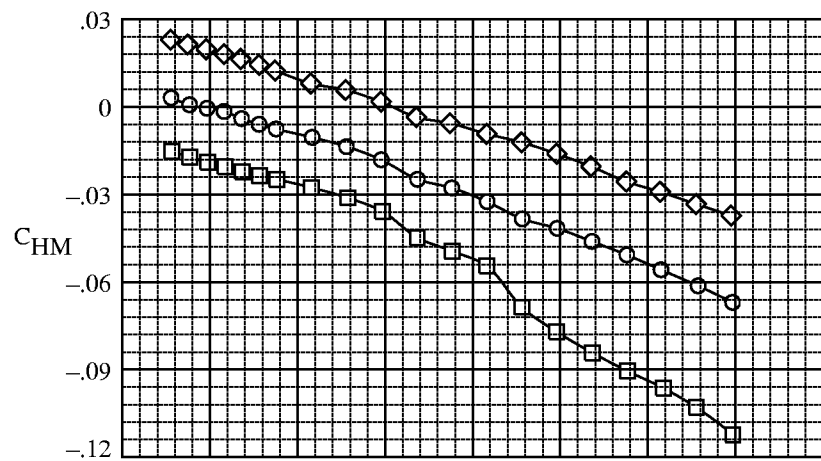
(e) Centers of pressure for plate-mounted fin.

Figure 14. Concluded.



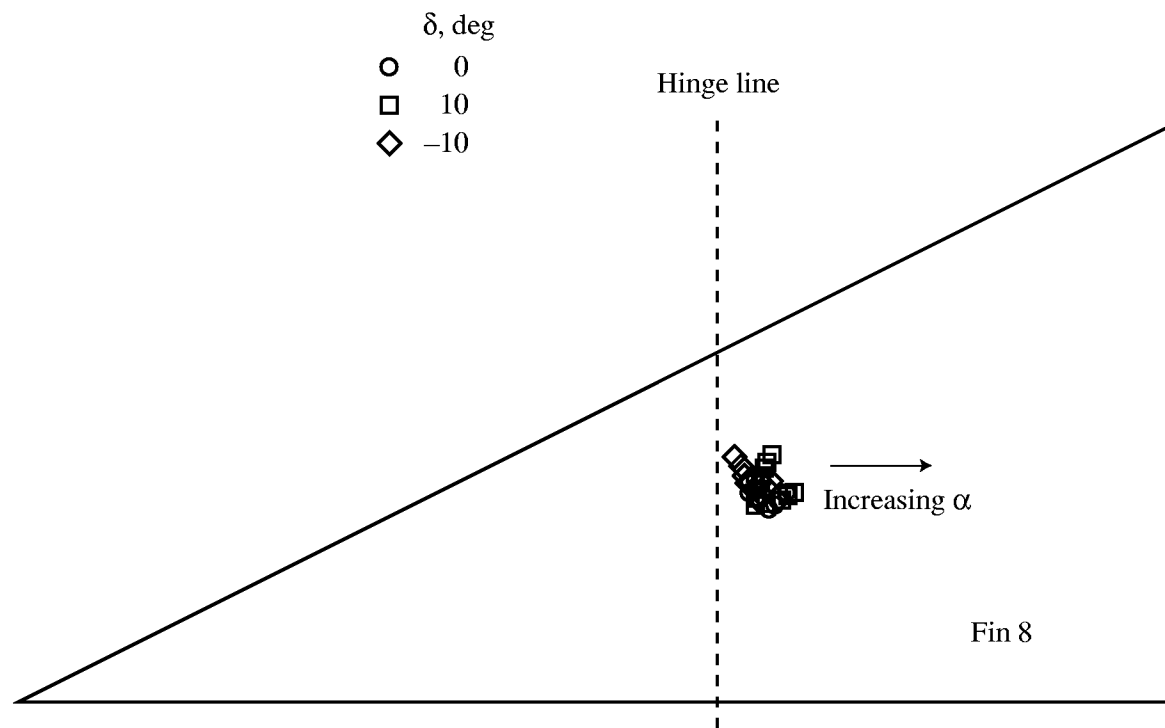
(a) Loads for total body configuration.

Figure 15. Effects of fin deflection for fin 8 and $M = 2.0$.



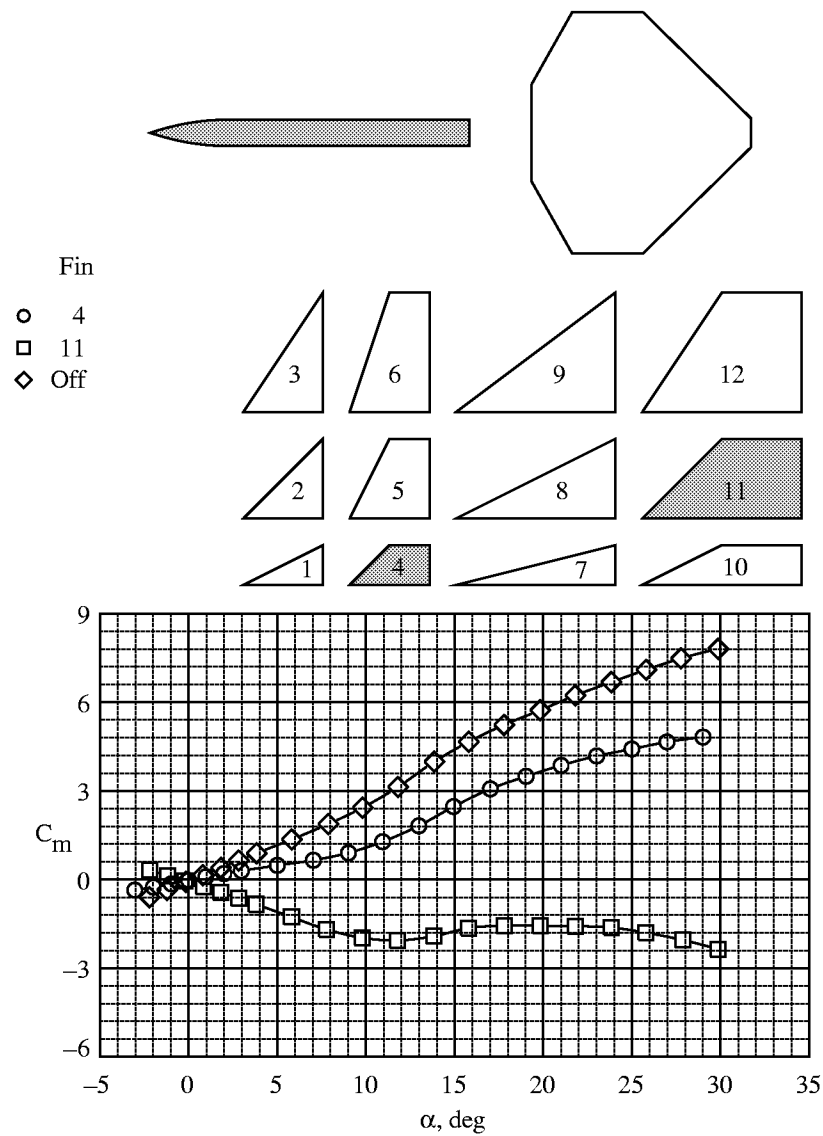
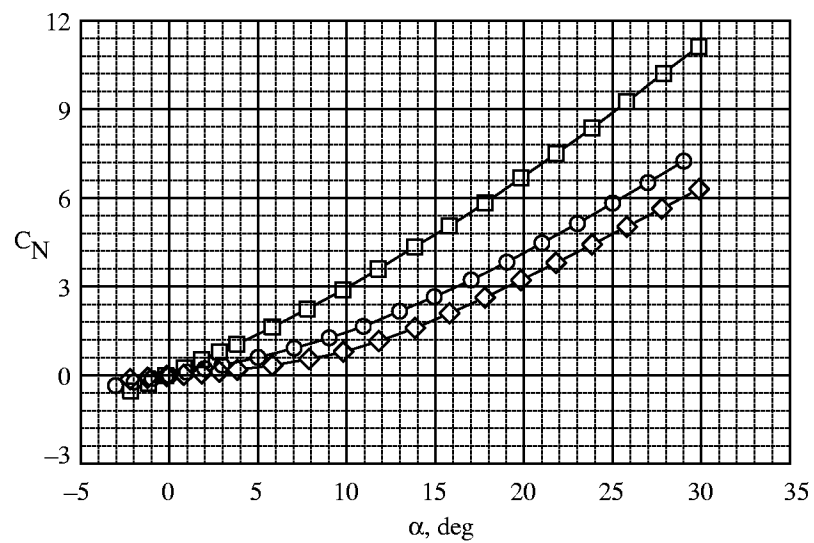
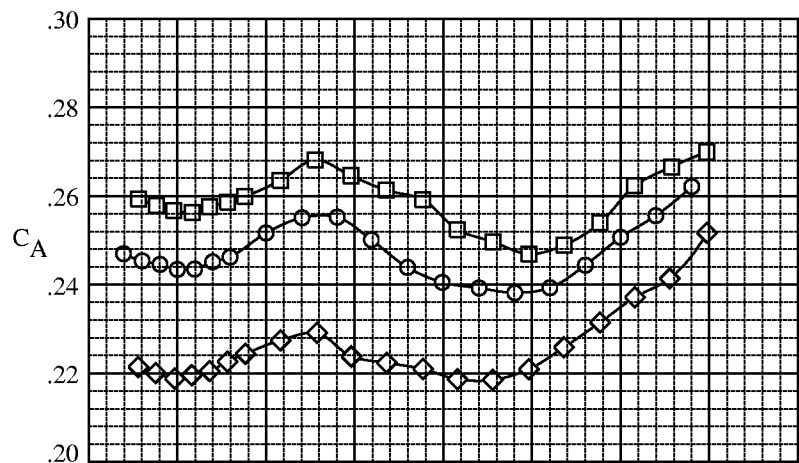
(b) Loads for body-mounted fin.

Figure 15. Continued.



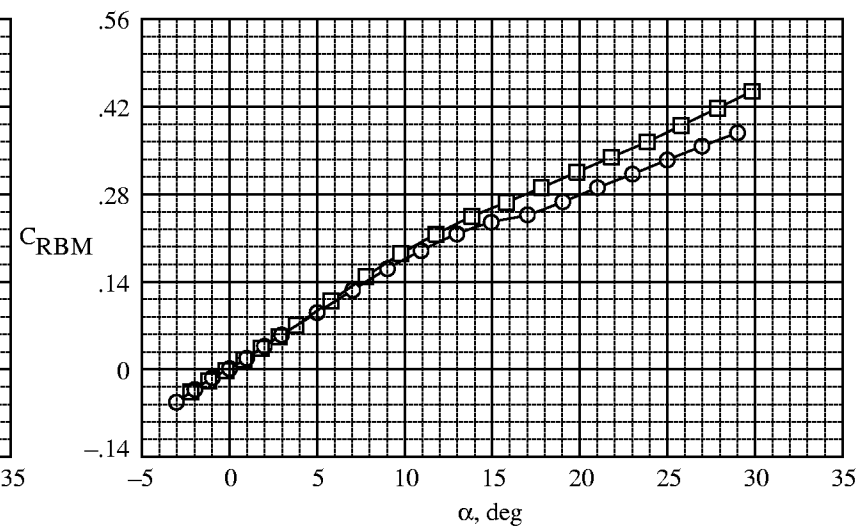
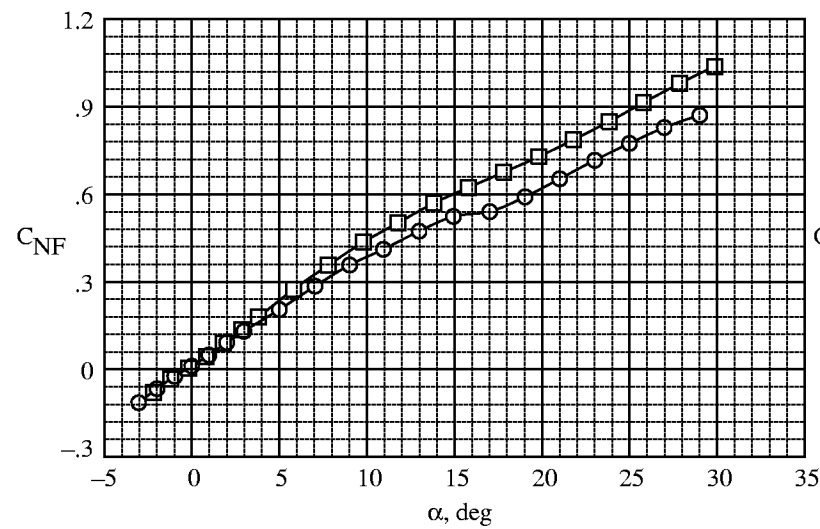
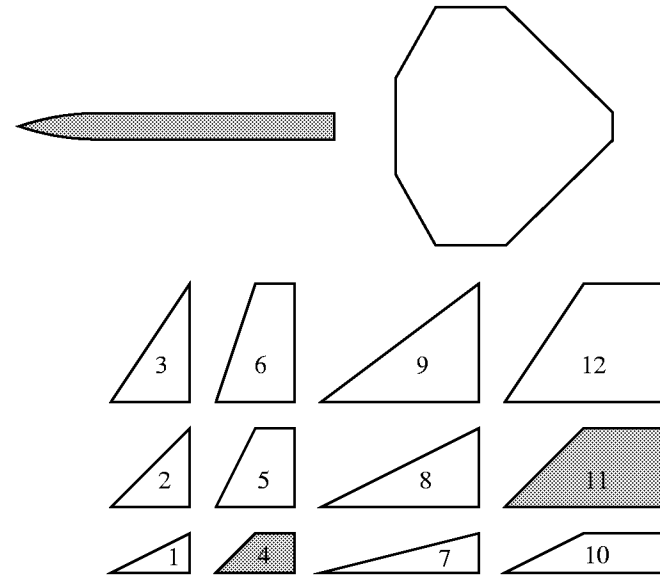
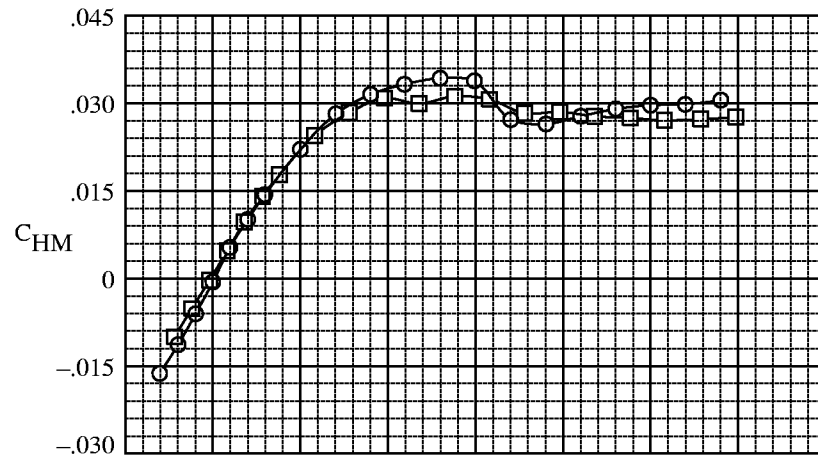
(c) Fin centers of pressure.

Figure 15. Concluded.



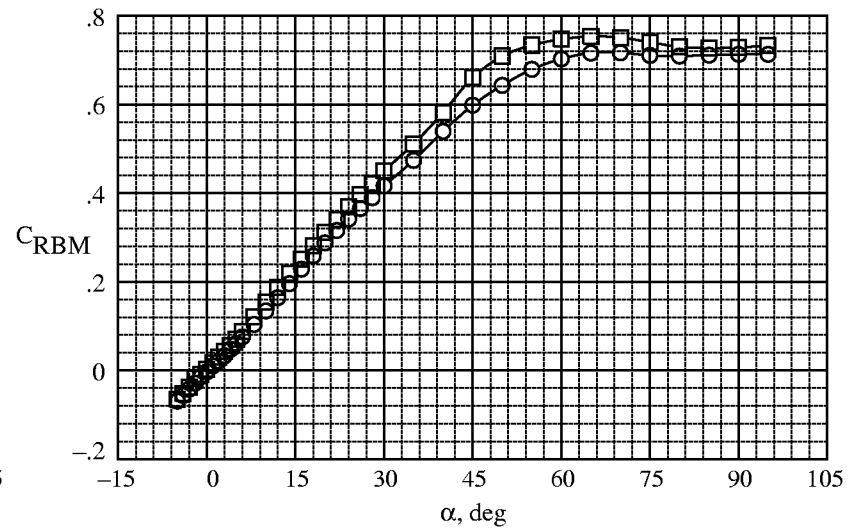
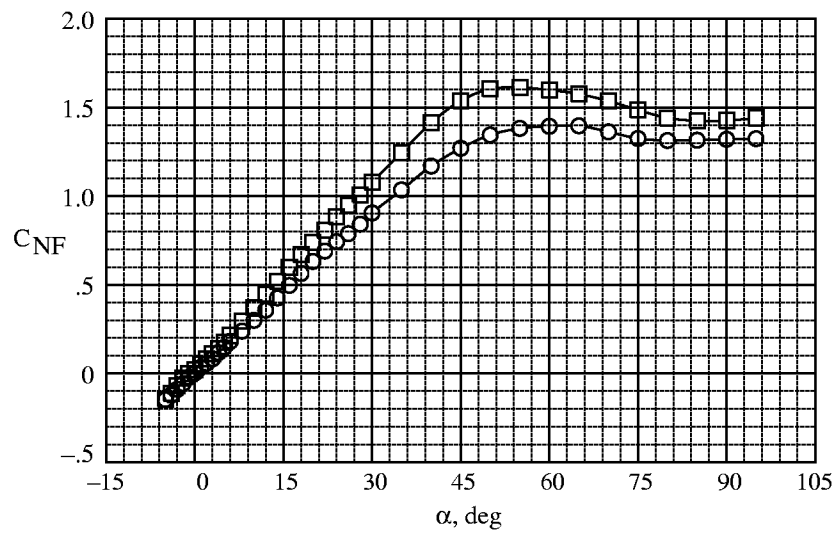
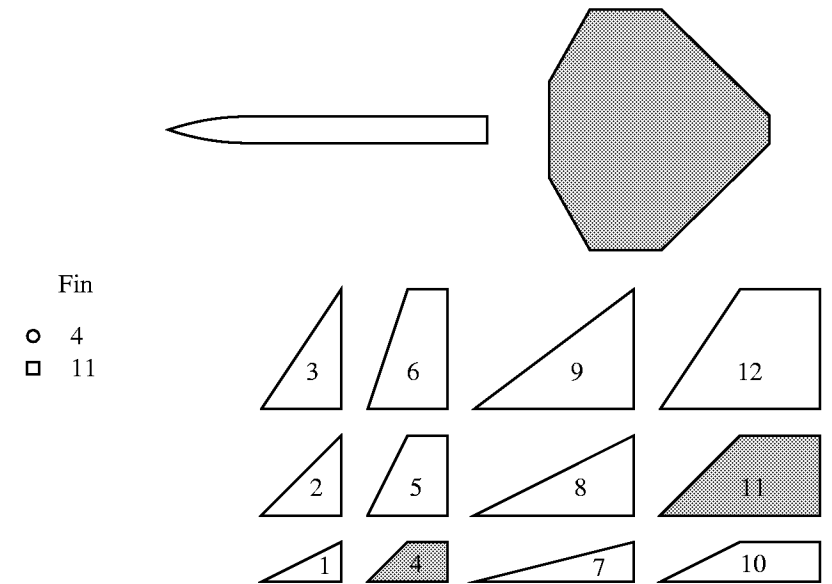
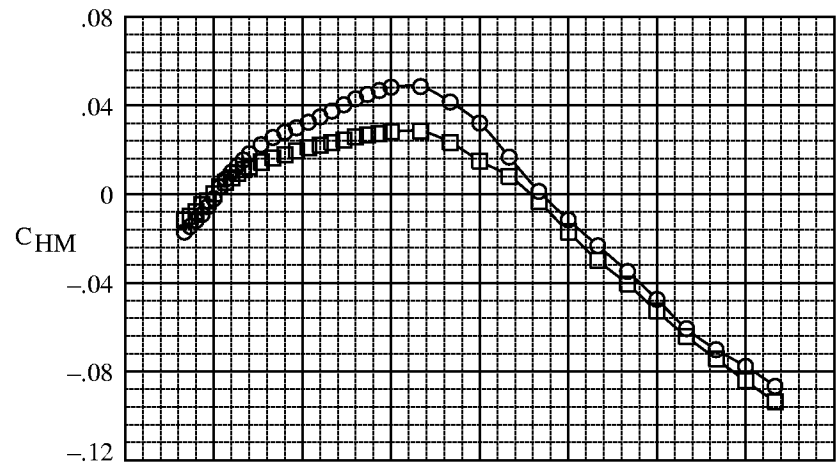
(a) Loads for total body configuration.

Figure 16. Effects of fin size for $M = 2.0$, $\delta = 0^\circ$, $AR = 1.33$, and $TR = 0.5$.



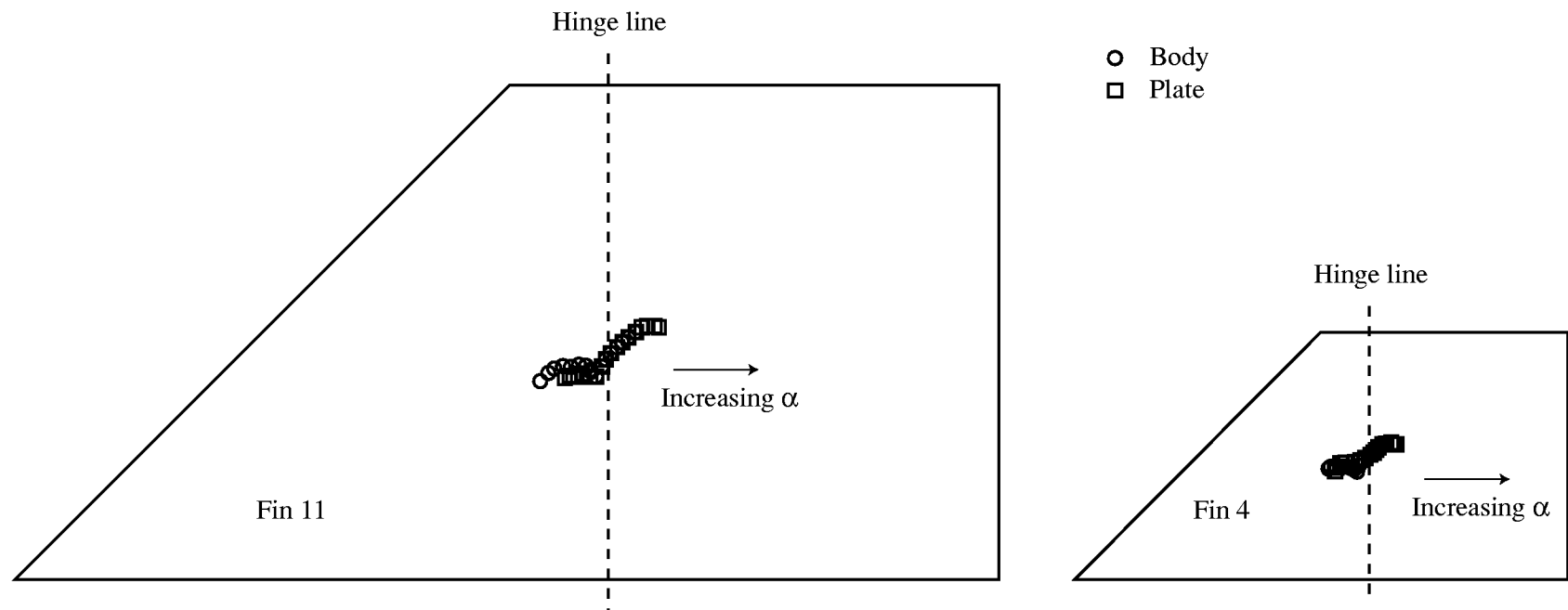
(b) Loads for body-mounted fins.

Figure 16. Continued.



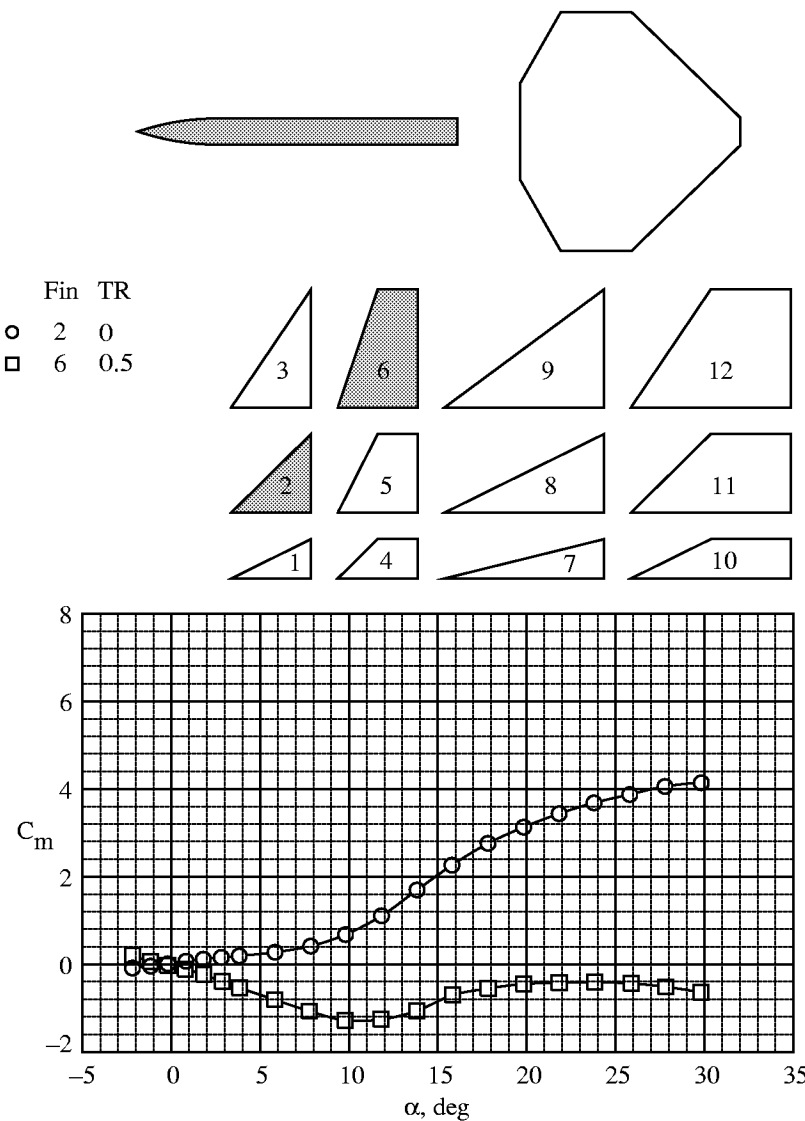
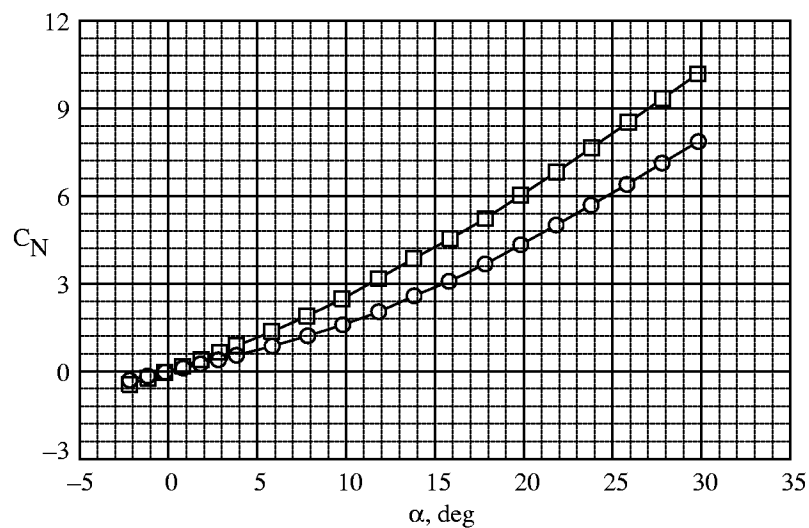
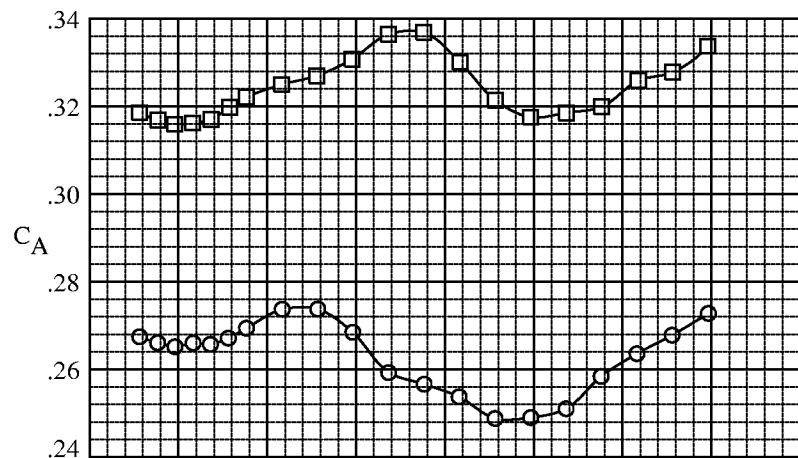
(c) Loads for plate-mounted fins.

Figure 16. Continued.



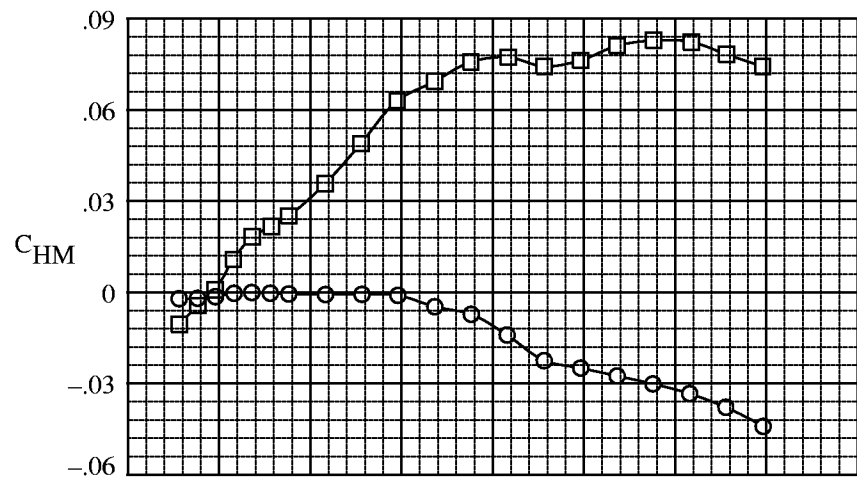
(d) Fin centers of pressure.

Figure 16. Concluded.

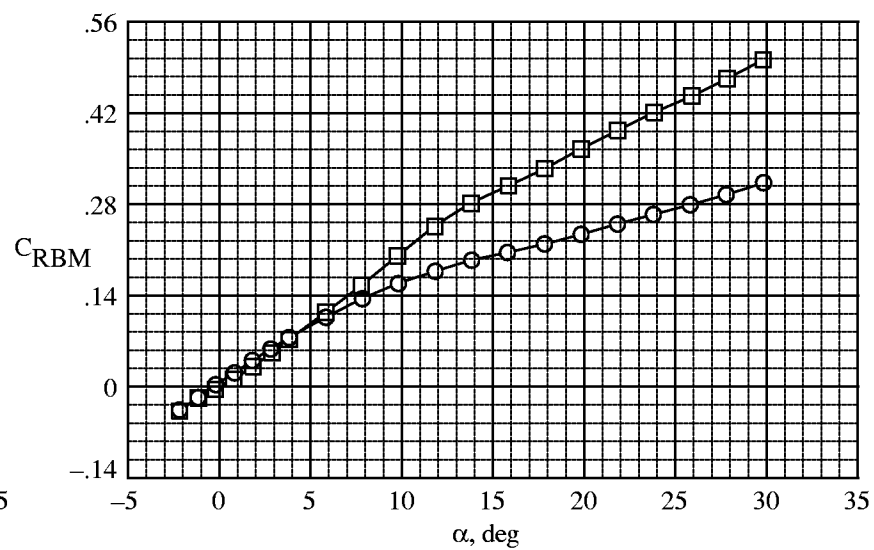
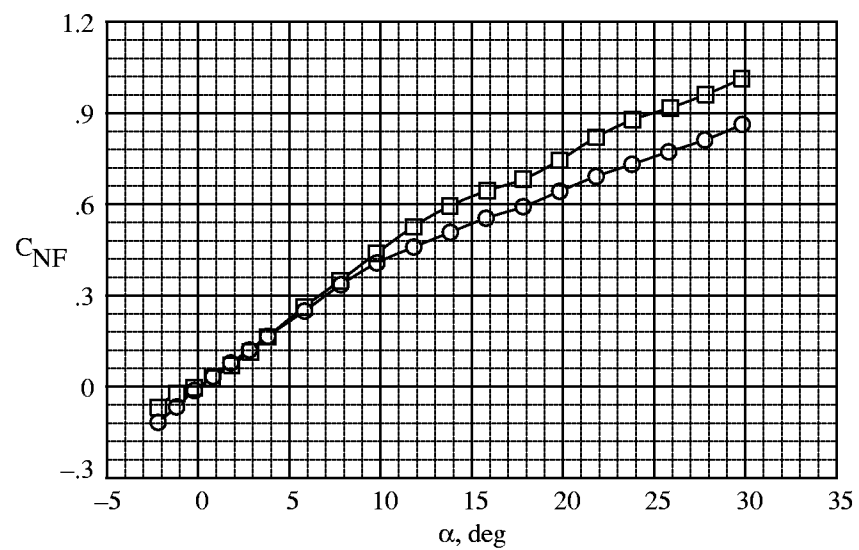
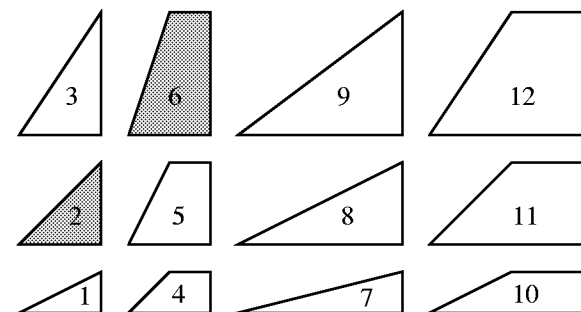


(a) Loads for total body configuration.

Figure 17. Effects of taper ratio for $M = 2.0$, $\delta = 0^\circ$, and $AR = 4.0$.

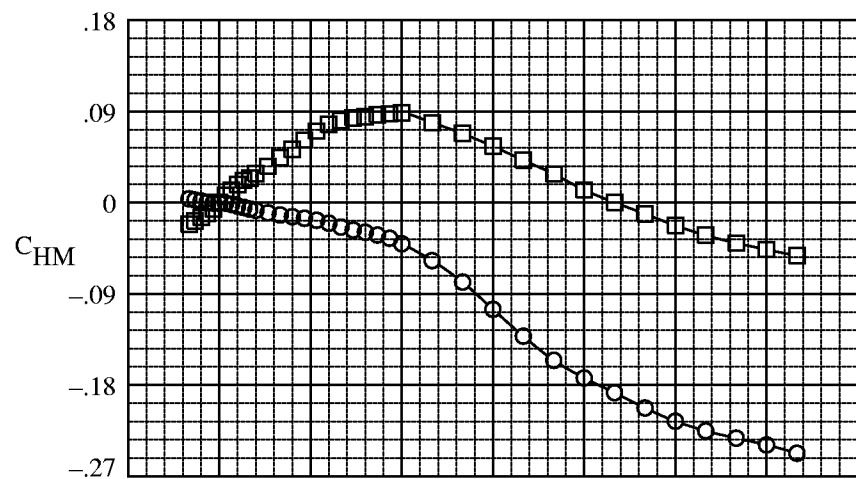


Fin TR
 ○ 2 0
 □ 6 0.5

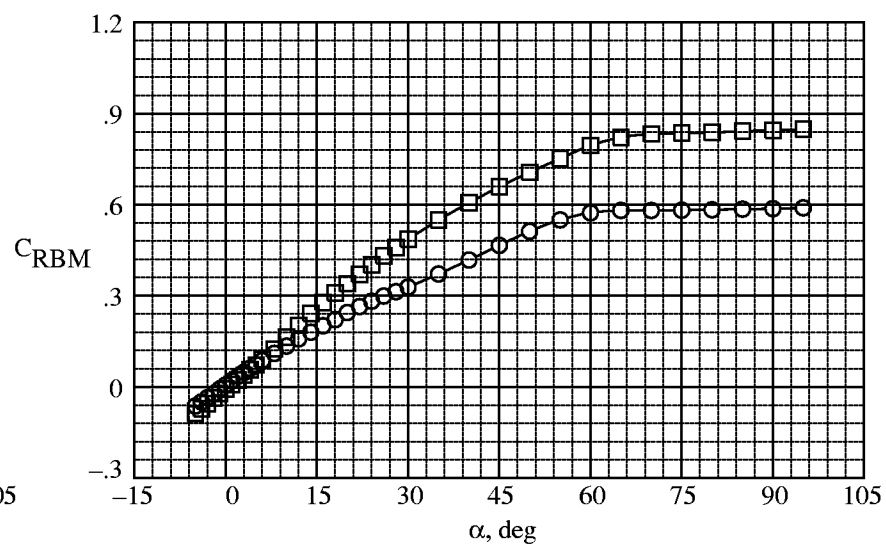
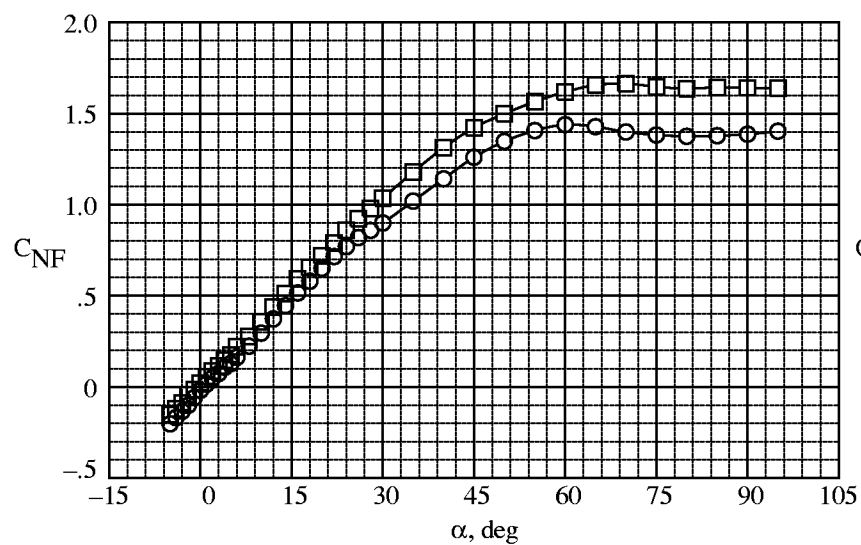
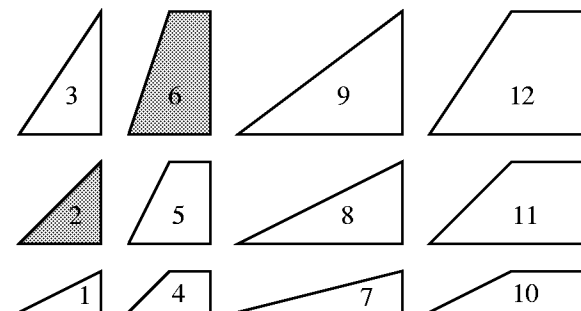


(b) Loads for body-mounted fins.

Figure 17. Continued.

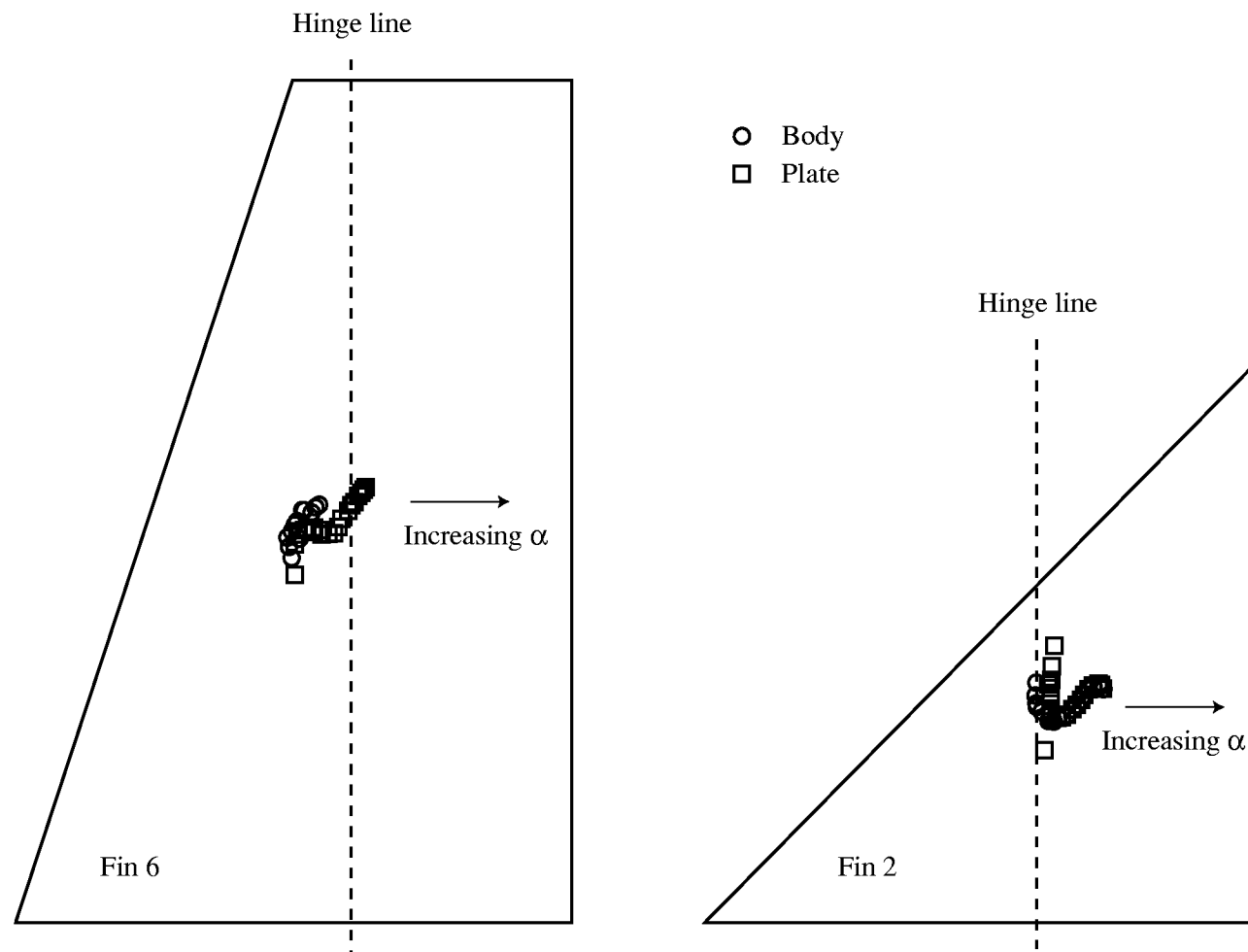


Fin TR
 ○ 2 0
 □ 6 0.5



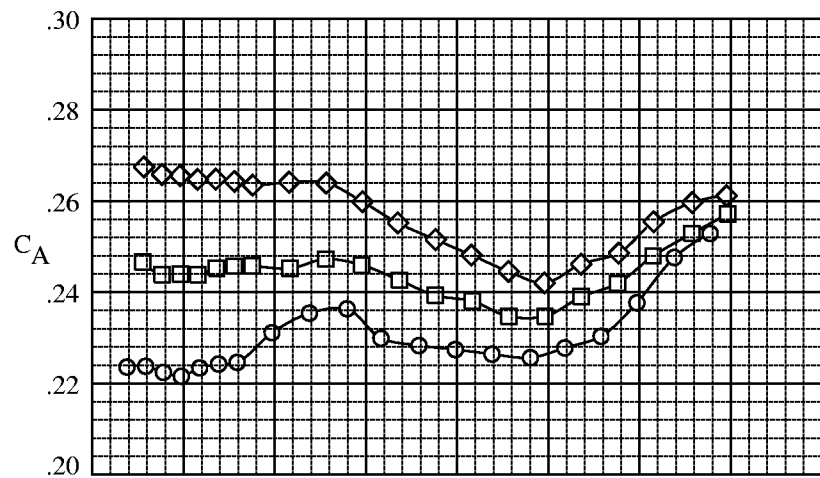
(c) Loads for plate-mounted fins.

Figure 17. Continued.

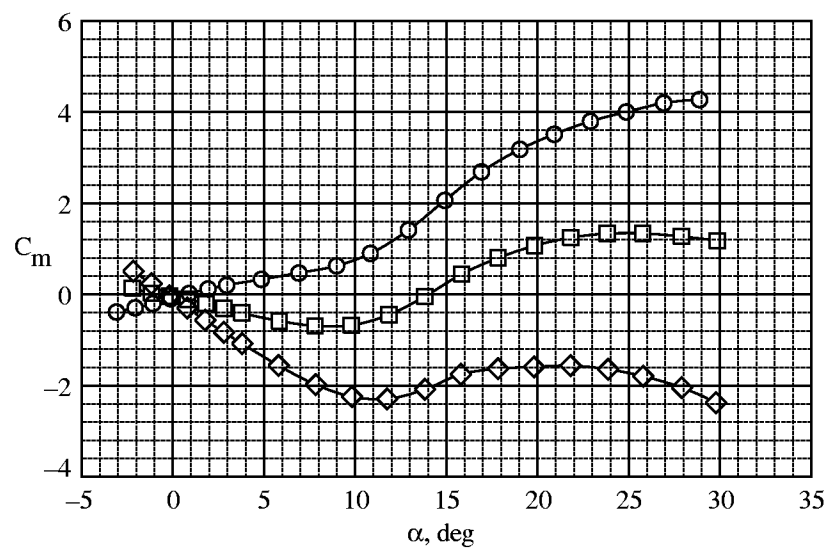
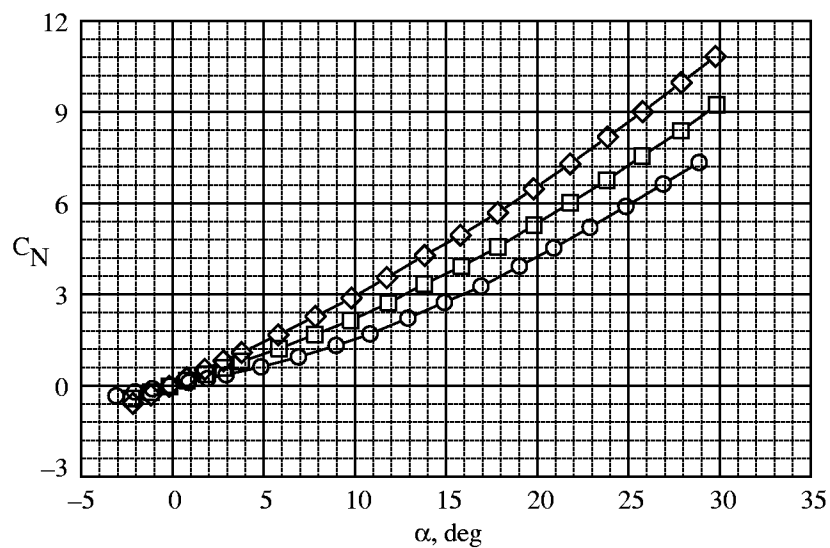
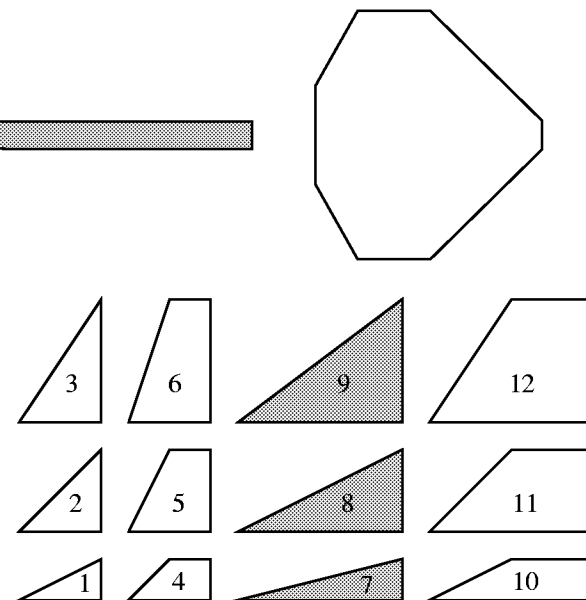


(d) Fin centers of pressure.

Figure 17. Concluded.

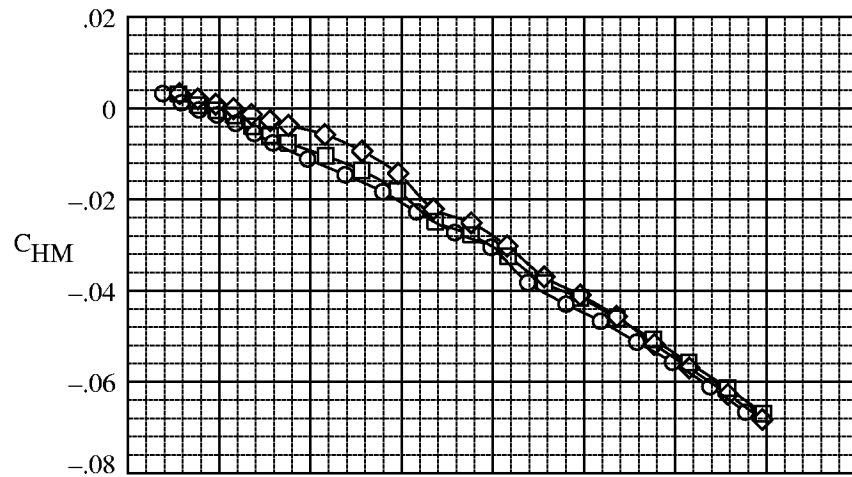


Fin AR
 ○ 7 1
 □ 8 2
 ◇ 9 3



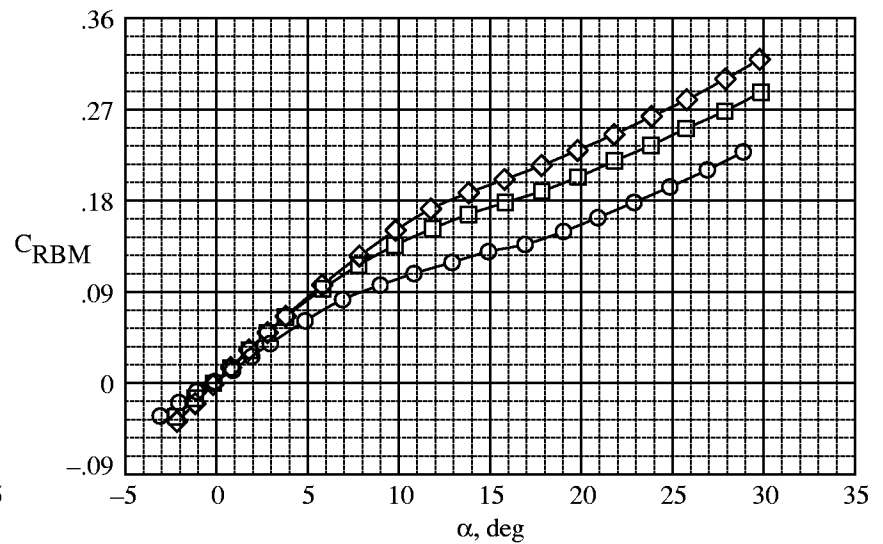
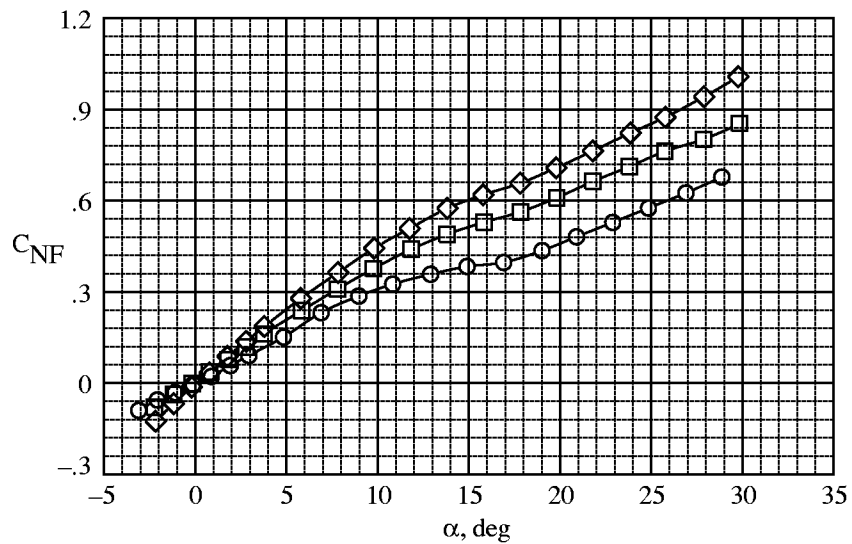
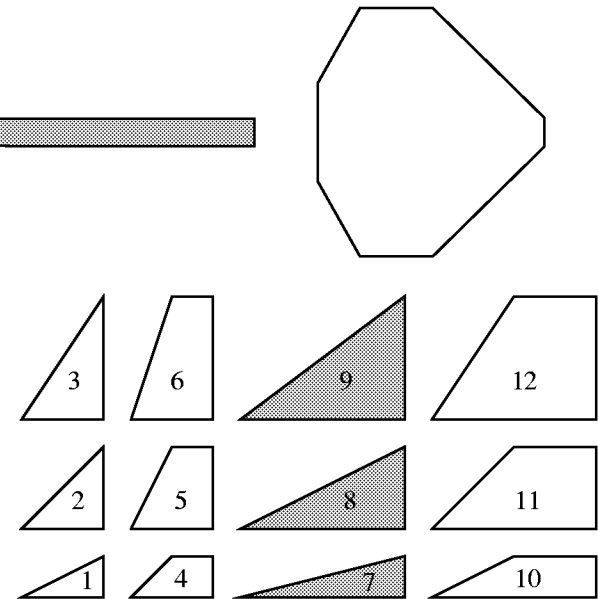
(a) Loads for total body configuration.

Figure 18. Effects of aspect ratio for $M = 2.0$, $\delta = 0^\circ$, and $TR = 0.0$.



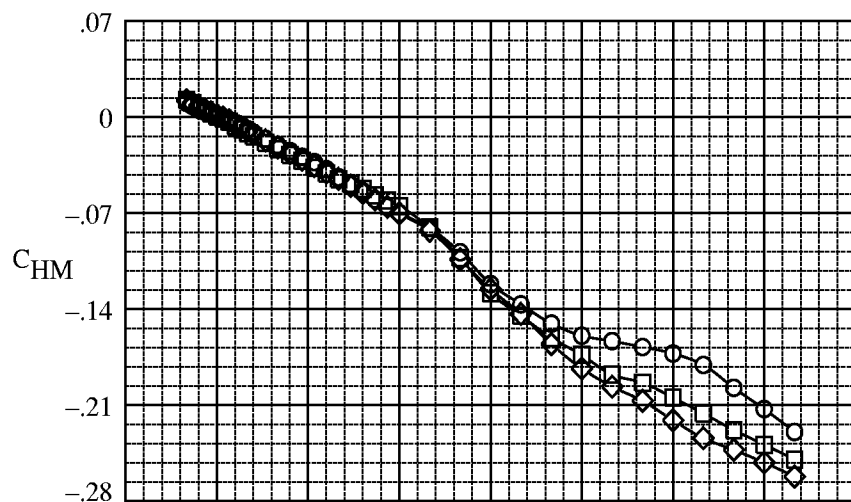
Fin AR

○ 7 1
 □ 8 2
 ◇ 9 3



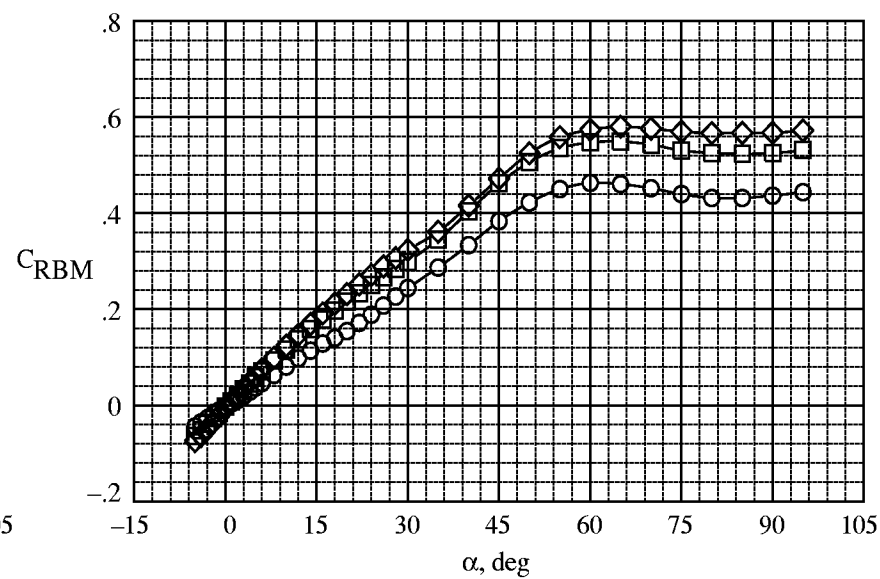
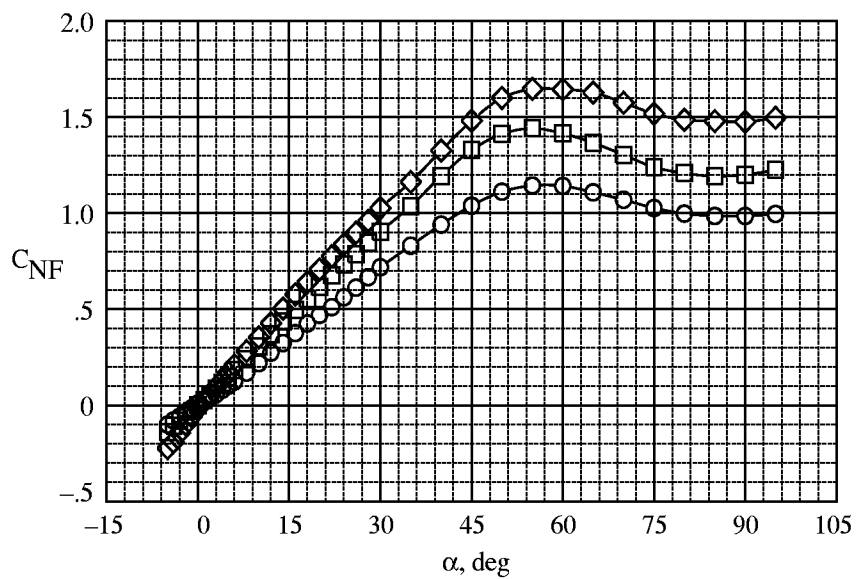
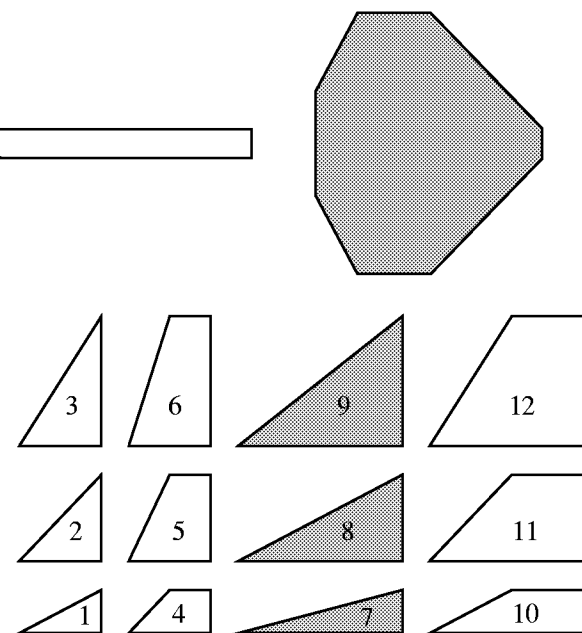
(b) Loads for body-mounted fins.

Figure 18. Continued.



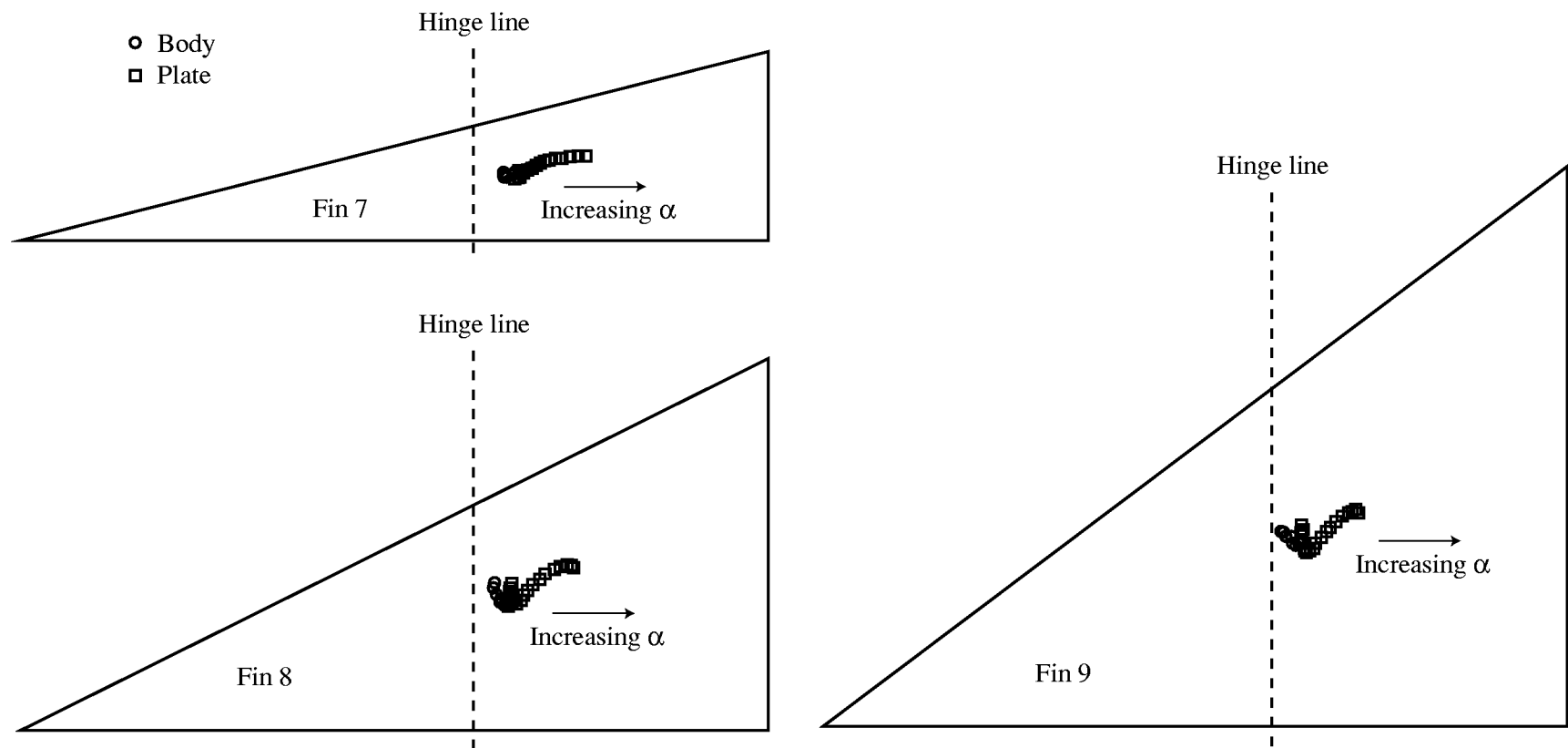
Fin AR

○ 7 1
 □ 8 2
 ◇ 9 3



(c) Loads for plate-mounted fins.

Figure 18. Continued.



(d) Fin centers of pressure.

Figure 18. Concluded.

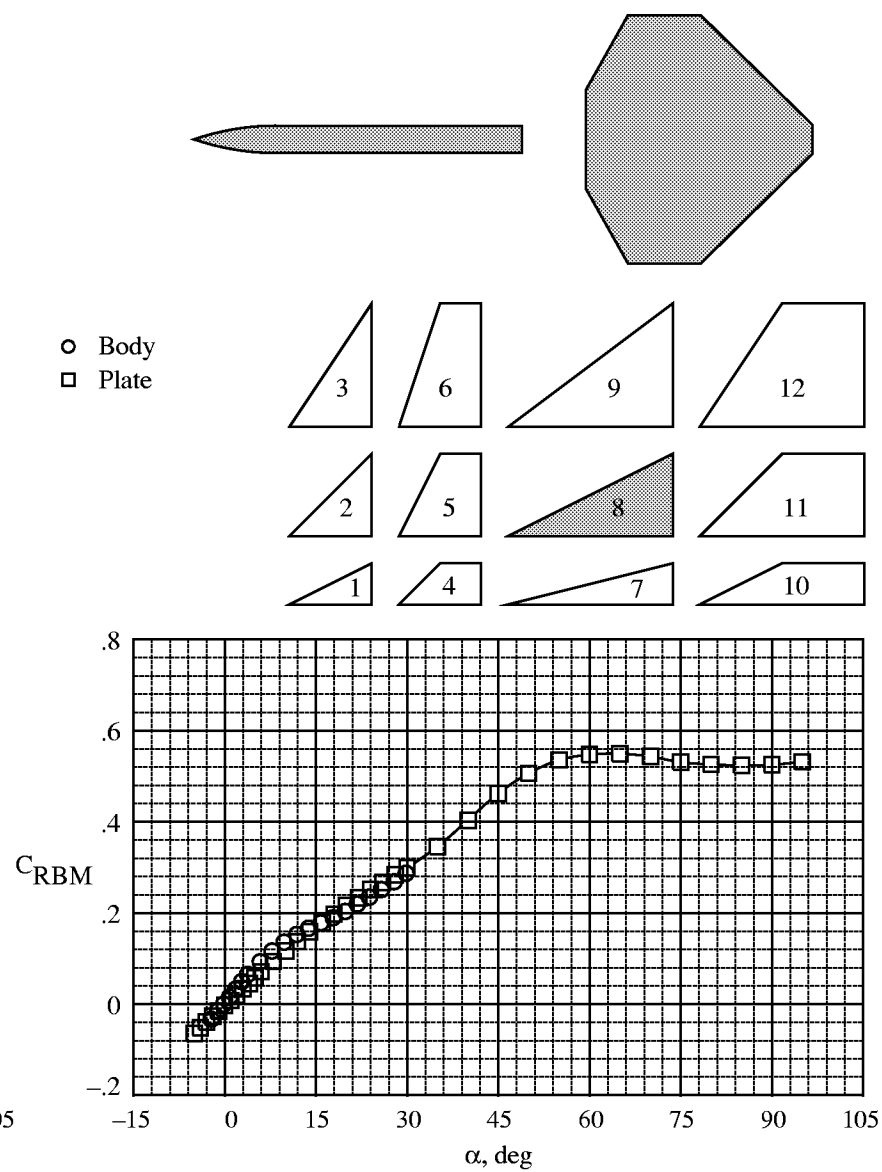
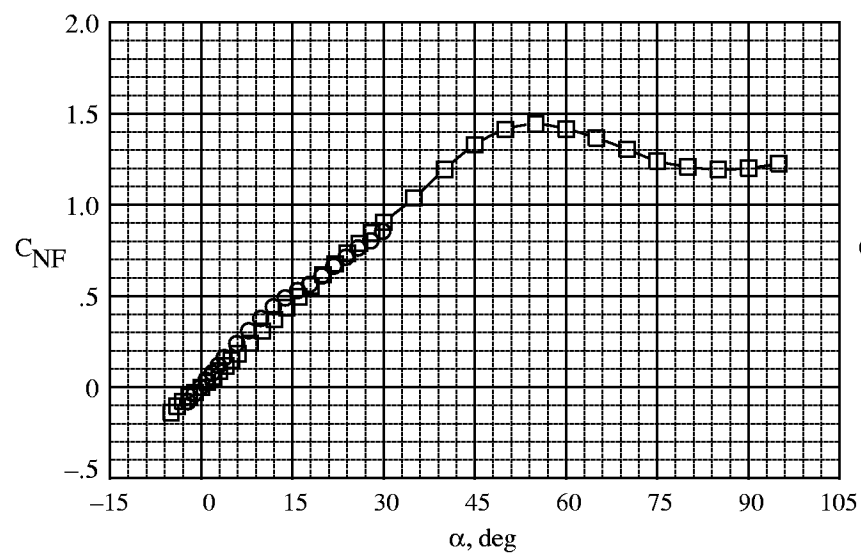
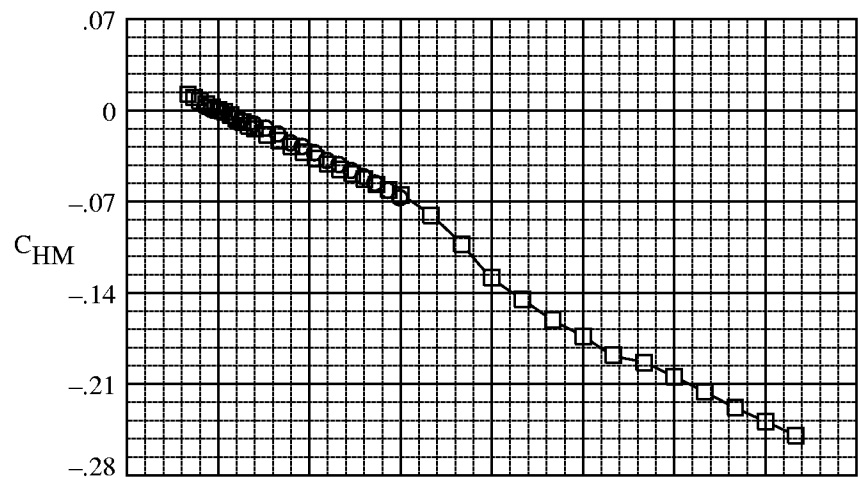


Figure 19. Fin loads on body and plate for fin 8, $M = 2.0$, and $\delta = 0^\circ$.

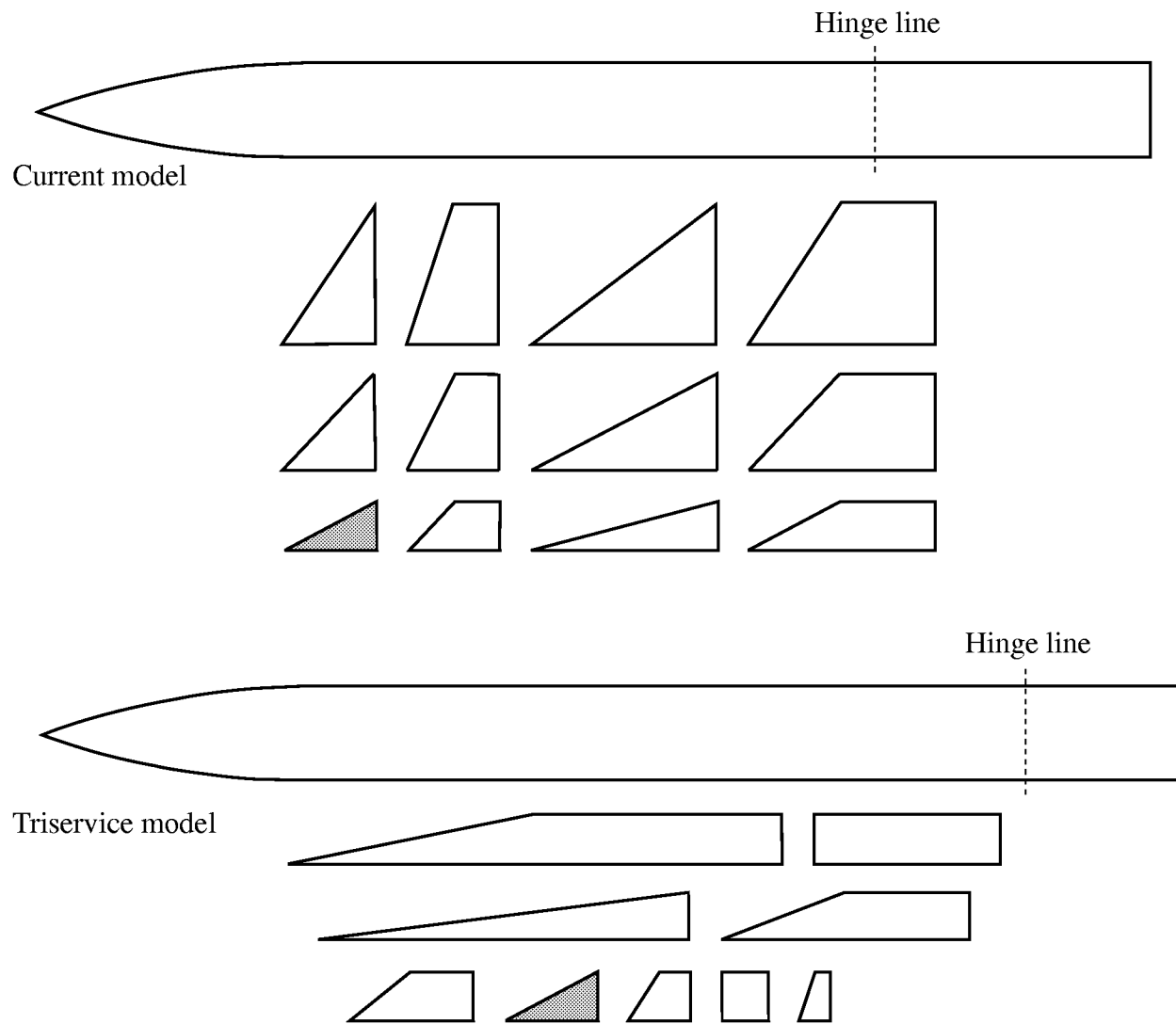
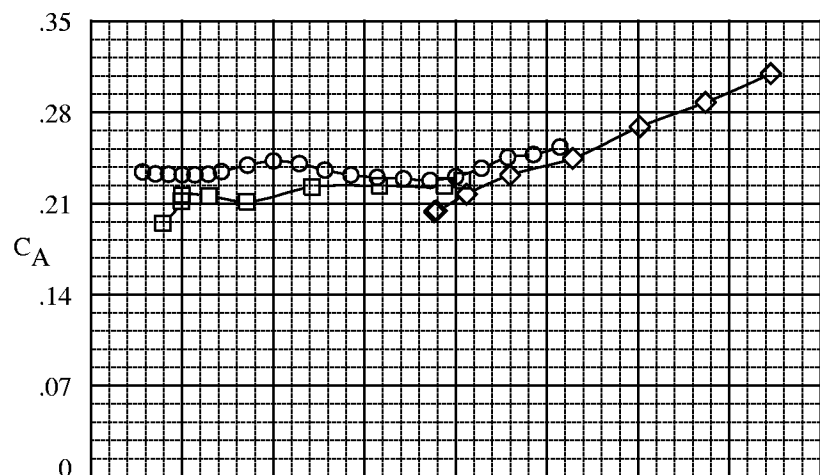
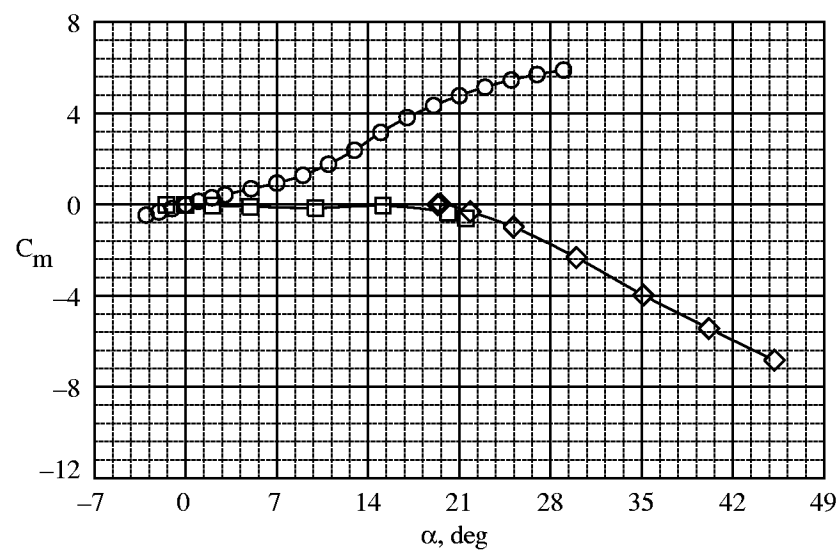
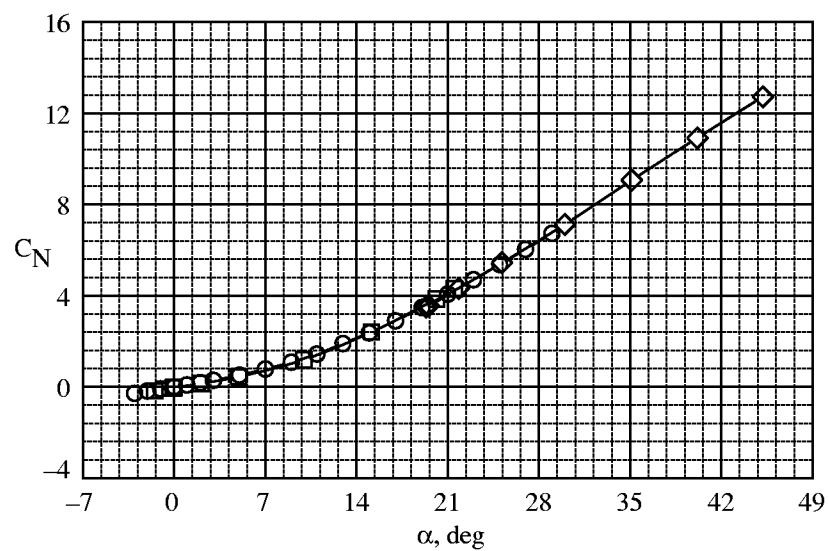
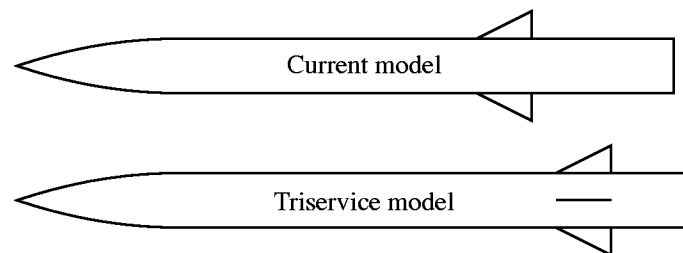


Figure 20. Geometry of Triservice and current models.

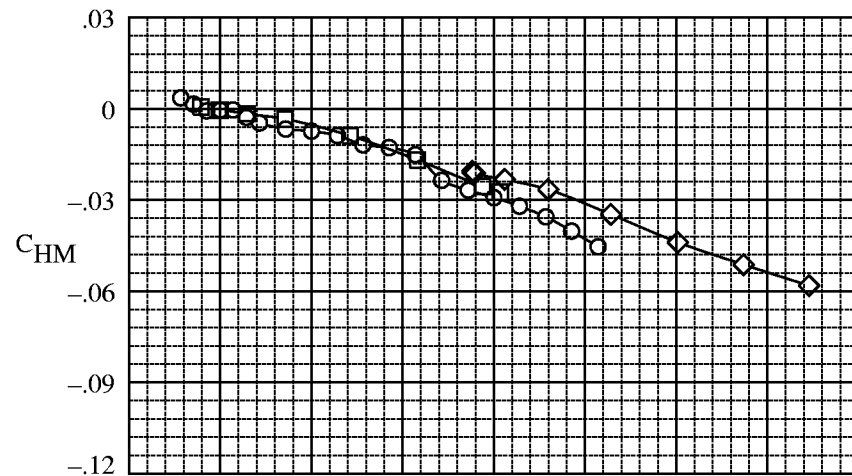


- Fin 1, current model
- Fin 51, Triservice model, low α
- ◇ Fin 51, Triservice model, high α

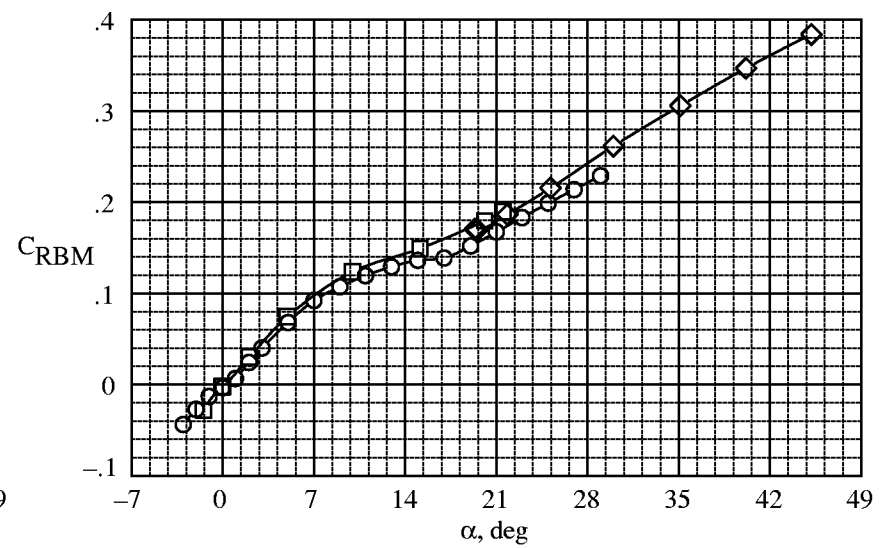
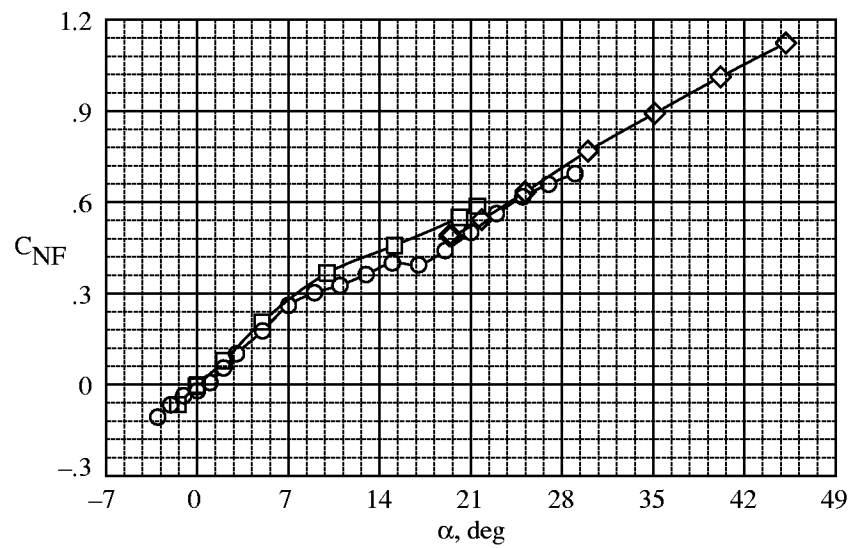
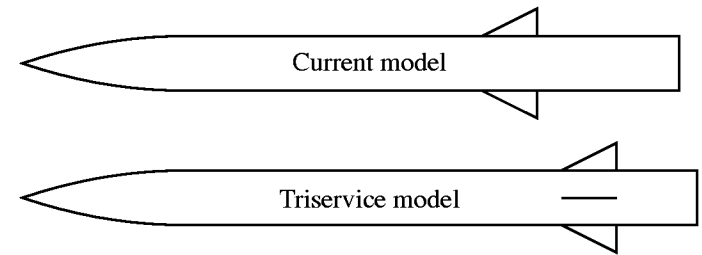


(a) Loads for total configuration.

Figure 21. Data for Triservice and current models for $M = 2.0$ and $\delta = 0^\circ$.



- Fin 1, current model
- Fin 51, Triservice model, low α
- ◇ Fin 51, Triservice model, high α



(b) Fin loads.

Figure 21. Concluded.

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13. ABSTRACT (Maximum 200 words) A cooperative experimental investigation has been performed to obtain a systematic fin-body and fin-plate database for a series of 12 missile fins. These data are intended to complement and extend the information contained in the Triservice missile project and to provide a systematic set of experimental data from which fin-body interference factors can be derived. Data were obtained with the fins mounted on both an axisymmetric body and on a flat plate that was used to simulate fin-alone measurements. The experiments were conducted at Mach numbers from 0.60 to 3.95; fin deflection angles of 0°, 10°, and -10°; and angles of attack up to 30° on the body and up to 95° on the flat plate. The data were obtained from three-component balances attached to the fins and a six-component balance located in the axisymmetric body. The data obtained in this project are documented in tabular form in this report. In addition, selected data are presented in graphical form to illustrate the effects of the test variables. These variables are configuration angle of attack; Mach number; and fin parameters of deflection angle, planform size, taper ratio, and aspect ratio. A very limited comparison with the Triservice missile data is made to illustrate the consistency between the data from these two projects.				
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